Yoshinori Yamamoto

List of Publications by Year
in descending order

853 papers	45,652 citations	2101 100 h-index	4991 167 g-index
1108 all docs	1108 docs citations	1108 times ranked	17918 citing authors

#	Article	IF	Citations
1	Selective reactions using allylic metals. Chemical Reviews, 1993, 93, 2207-2293.	47.7	1,561
2	Transition-Metal-Catalyzed Reactions in Heterocyclic Synthesis. Chemical Reviews, 2004, 104, 2127-2198.	47.7	1,438
3	Coinage Metal-Assisted Synthesis of Heterocycles. Chemical Reviews, 2008, 108, 3395-3442.	47.7	1,111
4	Recent Advances in the Transition-Metal-Catalyzed Regioselective Approaches to Polysubstituted Benzene Derivatives. Chemical Reviews, 2000, 100, 2901-2916.	47.7	1,064
5	Atomic origins of the high catalytic activity of nanoporous gold. Nature Materials, 2012, 11, 775-780.	27.5	803
6	AuCl3-Catalyzed Benzannulation:Â Synthesis of Naphthyl Ketone Derivatives fromo-Alkynylbenzaldehydes with Alkynes. Journal of the American Chemical Society, 2002, 124, 12650-12651.	13.7	418
7	Lewis Acid-Catalyzed Benzannulation via Unprecedented [4+2] Cycloaddition ofo-Alkynyl(oxo)benzenes and Enynals with Alkynes. Journal of the American Chemical Society, 2003, 125, 10921-10925.	13.7	380
8	From Ïƒ- to Ï€-Electrophilic Lewis Acids. Application to Selective Organic Transformations. Journal of Organic Chemistry, 2007, 72, 7817-7831.	3.2	378
9	Transition Metal-Catalyzed Reactions of Methylenecyclopropanes. Advanced Synthesis and Catalysis, 2002, 344, 111.	4.3	345
10	Acyclic stereocontrol via allylic organometallic compounds. Accounts of Chemical Research, 1987, 20, 243-249.	15.6	331
11	Pd(II) Acts Simultaneously as a Lewis Acid and as a Transition-Metal Catalyst:â€‰ Synthesis of Cyclic Alkenyl Ethers from Acetylenic Aldehydes. Journal of the American Chemical Society, 2002, 124, 764-765.	13.7	321
12	A Novel B(C6F5)3-Catalyzed Reduction of Alcohols and Cleavage of Aryl and Alkyl Ethers with Hydrosilanesâ€. Journal of Organic Chemistry, 2000, 65, 6179-6186.	3.2	315
13	Gold-Catalyzed Intramolecular Carbothiolation of Alkynes: Synthesis of 2,3-Disubstituted Benzothiophenes from (Î±-Alkoxy Alkyl) (ortho-Alkynyl Phenyl) Sulfides. Angewandte Chemie - International Edition, 2006, 45, 4473-4475.	13.8	307
14	Copper- or Phosphine-Catalyzed Reaction of Alkynes with Isocyanides. Regioselective Synthesis of Substituted Pyrroles Controlled by the Catalyst. Journal of the American Chemical Society, 2005, 127, 9260-9266.	13.7	299
15	Alkyne activation with BrÃ¸nsted acids, iodine, or gold complexes, and its fate leading to synthetic application. Chemical Communications, 2009, , 5075.	4.1	290
16	AuBr3-Catalyzed [4 + 2] Benzannulation between an Enynal Unit and Enol. Journal of the American Chemical Society, 2004, 126, 7458-7459.	13.7	268
17	Selective Synthesis by Use of Lewis Acids in the Presence of Organocopper and Related Reagents. New Synthetic Methods (61). Angewandte Chemie International Edition in English, 1986, 25, 947-959.	4.4	259
18	Gold-Catalyzed Intermolecular Hydroamination of Allenes with Arylamines and Resulting High Chirality Transfer. Angewandte Chemie - International Edition, 2006, 45, 3314-3317.	13.8	252

#	Article	IF	Citations
19	Lewis acid mediated reactions of organocopper reagents. Entrainment in the conjugate addition to .alpha.,.beta.-unsaturated ketones, esters, and acids via the RCu.cntdot.BF3 system. Journal of Organic Chemistry, 1982, 47, 119-126.	3.2	240
20	Palladium-Catalyzed Intramolecular Asymmetric Hydroamination of Alkynes. Journal of the American Chemical Society, 2004, 126, 1622-1623.	13.7	234
21	Synthesis of 2,3-Disubstituted Benzofurans by Platinumâ˜'Olefin-Catalyzed Carboalkoxylation ofo-Alkynylphenyl Acetals. Journal of the American Chemical Society, 2005, 127, 15022-15023.	13.7	232
22	Palladium- and Platinum-Catalyzed Addition of Aldehydes and Imines with Allylstannanes. Chemoselective Allylation of Imines in the Presence of Aldehydes. Journal of the American Chemical Society, 1996, 118, 6641-6647.	13.7	230
23	Palladium catalysed pronucleophile addition to unactivated carbonâ€"carbon multiple bonds. Chemical Society Reviews, 1999, 28, 199-207.	38.1	226
24	Erythro-selective addition of crotyltrialkyltins to aldehydes regardless of the geometry of the crotyl unit. Stereoselection independent of the stereochemistry of precursors. Journal of the American Chemical Society, 1980, 102, 7107-7109.	13.7	221
25	Gold- and Indium-Catalyzed Synthesis of 3- and 6-Sulfonylindoles fromortho-Alkynyl-N-sulfonylanilines. Angewandte Chemie - International Edition, 2007, 46, 2284-2287.	13.8	219
26	Intramolecular Câ˜'N Bond Addition of Amides to Alkynes Using Platinum Catalyst. Journal of the American Chemical Society, 2004, 126, 10546-10547.	13.7	216
27	Nanostructured Materials as Catalysts: Nanoporousâ€Goldâ€Catalyzed Oxidation of Organosilanes with Water. Angewandte Chemie - International Edition, 2010, 49, 10093-10095.	13.8	215
28	Direct Mannich and Nitro-Mannich Reactions with Non-Activated Imines: AgOTf-Catalyzed Addition of Pronucleophiles toortho-Alkynylaryl Aldimines Leading to 1,2-Dihydroisoquinolines. Angewandte Chemie - International Edition, 2005, 44, 5526-5528.	13.8	212
29	Nanoporous Gold Catalyst for Highly Selective Semihydrogenation of Alkynes: Remarkable Effect of Amine Additives. Journal of the American Chemical Society, 2012, 134, 17536-17542.	13.7	201
30	Catalytic Asymmetric Allylation of Imines via Chiral Bis-Ï€-allylpalladium Complexes. Journal of the American Chemical Society, 1998, 120, 4242-4243.	13.7	198
31	Palladium-Catalyzed Controlled Carbopalladation of Benzyne. Journal of the American Chemical Society, 2000, 122, 7280-7286.	13.7	198
32	A novel reduction of alcohols and ethers with a HSiEt3catalytic B(C6F5)3 system. Tetrahedron Letters, 1999, 40, 8919-8922.	1.4	197
33	Cu(I) Catalyst in DMF:Â An Efficient Catalytic System for the Synthesis of Furans from 2-(1-Alkynyl)-2-alken-1-ones. Journal of Organic Chemistry, 2005, 70, 4531-4534.	3.2	197
34	Functionalized 1,2-Dihydronaphthalenes from the Cu(OTf)2-Catalyzed [4+2] Cycloaddition of o-Alkynyl(oxo)benzenes with Alkenes. Angewandte Chemie - International Edition, 2003, 42, 3504-3506.	13.8	190
35	Iodine-Mediated Electrophilic Cyclization of 2-Alkynyl-1-methylene Azide Aromatics Leading to Highly Substituted Isoquinolines and Its Application to the Synthesis of Norchelerythrine. Journal of the American Chemical Society, 2008, 130, 15720-15725.	13.7	186
36	Synthesis of Triazoles from Nonactivated Terminal Alkynes via the Three-Component Coupling Reaction Using a Pd(0)â˜'Cu(I) Bimetallic Catalyst. Journal of the American Chemical Society, 2003, 125, 7786-7787.	13.7	185

#	Article	IF	Citations
37	AuBr3- and Cu(OTf)2-Catalyzed Intramolecular [4 + 2] Cycloaddition of Tethered Alkynyl and Alkenyl Enynones and Enynals:Â A New Synthetic Method for Functionalized Polycyclic Hydrocarbons. Journal of Organic Chemistry, 2005, 70, 3682-3685.	3.2	183
38	Very high 1,2- and 1,3-asymmetric induction in the reactions of allylic boron compounds with chiral imines. Journal of the American Chemical Society, 1986, 108, 7778-7786.	13.7	179
39	Copper-catalyzed synthesis of 5-substituted 1H-tetrazoles via the [3+2] cycloaddition of nitriles and trimethylsilyl azide. Tetrahedron Letters, 2008, 49, 2824-2827.	1.4	179
40	Stereo- and regiocontrol of acyclic systems via the lewis acid mediated reaction of allylic stannanes with aldehydes. Tetrahedron, 1984, 40, 2239-2246.	1.9	176
41	Synthesis of Imidazoles through the Copper-Catalyzed Cross-Cycloaddition between Two Different Isocyanides. Journal of the American Chemical Society, 2006, 128, 10662-10663.	13.7	176
42	Gold nanoparticle (AuNPs) and gold nanopore (AuNPore) catalysts in organic synthesis. Organic and Biomolecular Chemistry, 2014, 12, 2005.	2.8	174
43	Oraganometallic Compounds for Stereoregulated Synthesis of Acyclic Systems. Their Application to the Synthesis of the Prelog-Djerassi Lactonic Acid. Heterocycles, 1982, 18, 357.	0.7	174
44	A Direct Reduction of Aliphatic Aldehyde, Acyl Chloride, Ester, and Carboxylic Functions into a Methyl Group. Journal of Organic Chemistry, 2001, 66, 1672-1675.	3.2	172
45	Copper-Catalyzed Synthesis ofN-Unsubstituted 1,2,3-Triazoles from Nonactivated Terminal Alkynes. European Journal of Organic Chemistry, 2004, 2004, 3789-3791.	2.4	162
46	Synthesis of 1,3,4-Trisubstituted Isoquinolines by Iodine-Mediated Electrophilic Cyclization of 2-Alkynyl Benzyl Azides. Angewandte Chemie - International Edition, 2007, 46, 4764-4766.	13.8	160
47	A highly stereoselective synthesis of (E)-alkene dipeptide isosteres via organocyanocopper-Lewis acid mediation reaction. Journal of Organic Chemistry, 1991, 56, 4370-4382.	3.2	155
48	RCu.BF3. 3. Conjugate addition to previously unreactive substituted enoate esters and enoic acids. Journal of the American Chemical Society, 1978, 100, 3240-3241.	13.7	154
49	Palladium-Catalyzed Intramolecular Asymmetric Hydroamination, Hydroalkoxylation, and Hydrocarbonation of Alkynes. Journal of Organic Chemistry, 2006, 71, 4270-4279.	3.2	154
50	Palladium/Benzoic Acid Catalyzed Hydroamination of Alkynes. Journal of Organic Chemistry, 1999, 64, 4570-4571.	3.2	153
51	Palladium-Catalyzed Intermolecular Controlled Insertion of Benzyne-Benzyne-Alkene and Benzyne-Alkyne-Alkeneâ€"Synthesis of Phenanthrene and Naphthalene Derivatives. Angewandte Chemie - International Edition, 2000, 39, 173-175.	13.8	152
52	An Efficient, Facile, and General Synthesis of 1H-Indazoles by 1,3-Dipolar Cycloaddition of Arynes with Diazomethane Derivatives. Angewandte Chemie - International Edition, 2007, 46, 3323-3325.	13.8	152
53	Introduction: Coinage Metals in Organic Synthesis. Chemical Reviews, 2008, 108, 2793-2795.	47.7	152
54	Synthesis of Cyclic Alkenyl Ethers via Intramolecular Cyclization ofO-Alkynylbenzaldehydes. Importance of Combination between CuI Catalyst and DMF. Journal of Organic Chemistry, 2004, 69, 5139-5142.	3.2	151

#	Article	IF	Citations
55	Palladium-Catalyzed Addition of Activated Methylene and Methyne Compounds to Allenes. Journal of the American Chemical Society, 1994, 116, 6019-6020.	13.7	150
56	Nickel-Mediated Regio- and Chemoselective Carboxylation of Alkynes in the Presence of Carbon Dioxide. Journal of Organic Chemistry, 1999, 64, 3975-3978.	3.2	147
57	Facile Allylative Dearomatization Catalyzed by Palladium. Journal of the American Chemical Society, 2001, 123, 759-760.	13.7	147
58	Gold-Catalyzed Cyclization of (ortho-Alkynylphenylthio)silanes:â€‰ Intramolecular Capture of the Vinylâ^'Au Intermediate by the Silicon Electrophile. Organic Letters, 2007, 9, 4081-4083.	4.6	144
59	Gold-Catalyzed Intramolecular Carbocyclization of Alkynyl Ketones Leading to Highly Substituted Cyclic Enones. Organic Letters, 2007, 9, 5259-5262.	4.6	144
60	Metalâ€Catalyzed Annulation Reactions for Ï€â€Conjugated Polycycles. Chemistry - A European Journal, 2014, 20, 3554-3576.	3.3	144
61	Indole Synthesis via Palladium-Catalyzed Intramolecular Cyclization of Alkynes and Imines. Journal of the American Chemical Society, 2000, 122, 5662-5663.	13.7	143
62	Metal-mediated synthesis of furans and pyrroles. Arkivoc, 2007, 2007, 121-141.	0.5	142
63	Lewis Acid Catalyzed Highly Regio- and StereocontrolledTrans-Hydrosilylation of Alkynes and Allenes. Journal of Organic Chemistry, 1999, 64, 2494-2499.	3.2	141
64	Synthesis of Allyl Cyanamides andN-Cyanoindoles via the Palladium-Catalyzed Three-Component Coupling Reaction. Journal of the American Chemical Society, 2002, 124, 11940-11945.	13.7	141
65	Intramolecular Nucleophilic Addition of Vinylpalladiums to Aryl Ketones. Journal of the American Chemical Society, 1999, 121, 3545-3546.	13.7	137
66	Gold-Catalyzed Synthesis of Polycyclic Enones from Carbon Tethered 1,3-Enynyl Carbonyls via Tandem Heteroenyne Metathesis and Nazarov Reaction. Organic Letters, 2008, 10, 3137-3139.	4.6	137
67	Formation and properties of Au-based nanograined metallic glasses. Acta Materialia, 2011, 59, 6433-6440.	7.9	136
68	Convenient Synthesis of Benzothiazoles and Benzimidazoles through BrÃ¸nsted Acid Catalyzed Cyclization of 2-Amino Thiophenols/Anilines with Î²-Diketones. Organic Letters, 2014, 16, 764-767.	4.6	135
69	Chiral Ï€-Allylpalladium-Catalyzed Asymmetric Allylation of Imines:â€‰ Replacement of Allylstannanes by Allylsilanes. Journal of Organic Chemistry, 1999, 64, 2614-2615.	3.2	134
70	Chiral Bis-Ï€-allylpalladium Complex Catalyzed Asymmetric Allylation of Imines:Â Enhancement of the Enantioselectivity and Chemical Yield in the Presence of Water. Journal of the American Chemical Society, 2003, 125, 14133-14139.	13.7	131
71	A Method for the Synthesis of Substituted Quinolines via Electrophilic Cyclization of 1-Azido-2-(2-propynyl)benzene. Journal of Organic Chemistry, 2010, 75, 1266-1270.	3.2	131
72	A new method for the synthesis of nitrogen heterocycles via palladium catalyzed intramolecular hydroamination of allenes. Tetrahedron Letters, 1998, 39, 5421-5424.	1.4	129

#	Article	IF	Citations
73	Chirality Transfer in Gold-Catalyzed Carbothiolation of o-Alkynylphenyl 1-Arylethyl Sulfides. Organic Letters, 2008, 10, 2649-2651.	4.6	129
74	Lewis Acid-Catalyzedtrans-Hydrosilylation of Alkynes. Journal of Organic Chemistry, 1996, 61, 7654-7655.	3.2	127
75	Palladium/Acetic Acid Catalyzed Allylation of Some Pronucleophiles with Simple Alkynes. Journal of the American Chemical Society, 1998, 120, 10262-10263.	13.7	126
76	Synthesis of indenols and indanones via catalytic cyclic vinylpalladation of aromatic aldehydes. Tetrahedron Letters, 1999, 40, 4089-4092.	1.4	126
77	The two component palladium catalyst system for intermolecular hydroamination of allenes. Tetrahedron Letters, 1997, 38, 6071-6074.	1.4	125
78	Studies on the reaction of Î±-imino esters with organometallic compounds. Tetrahedron, 1988, 44, 5415-5423.	1.9	124
79	A New Palladium-Catalyzed Benzannulation of Conjugated Enynes. Journal of the American Chemical Society, 1996, 118, 3970-3971.	13.7	122
80	Fabrication of Pdâ€“Niâ€“P Metallic Glass Nanoparticles and Their Application as Highly Durable Catalysts in Methanol Electro-oxidation. Chemistry of Materials, 2014, 26, 1056-1061.	6.7	121
81	Ring Opening in the Palladium-Catalyzed Hydrocarbonation of Methylenecyclopropanes with Pronucleophiles. Journal of the American Chemical Society, 1997, 119, 8123-8124.	13.7	120
82	Total Synthesis of Gambierol. Journal of the American Chemical Society, 2003, 125, 46-47.	13.7	120
83	Efficient Method for Synthesis of Angucyclinone Antibiotics via Gold-Catalyzed Intramolecular [4 + 2] Benzannulation:Â Enantioselective Total Synthesis of (+)-Ochromycinone and (+)-Rubiginone B2. Journal of Organic Chemistry, 2005, 70, 8977-8981.	3.2	120
84	Zirconium enolate as a new erythro-selective aldol condensation reagent. Tetrahedron Letters, 1980, 21, 4607-4610.	1.4	115
85	Synthesis of 1-substituted tetrazoles via the acid-catalyzed [3+2] cycloaddition between isocyanides and trimethylsilyl azide. Tetrahedron Letters, 2004, 45, 9435-9437.	1.4	115
86	Palladium catalyzed co-trimerization of benzyne with alkynes. A facile method for the synthesis of phenanthrene derivatives. Tetrahedron Letters, 1999, 40, 7533-7535.	1.4	113
87	A Bimetallic Catalyst and Dual Role Catalyst:Â Synthesis ofN-(Alkoxycarbonyl)indoles from 2-(Alkynyl)phenylisocyanates. Journal of Organic Chemistry, 2003, 68, 4764-4771.	3.2	113
88	Carbonâ^'Carbon Bond Cleavage of Diynes through the Hydroamination with Transition Metal Catalysts. Journal of the American Chemical Society, 2003, 125, 6646-6647.	13.7	112
89	Catalytic Amphiphilic Allylation via Bis-Ï€-allylpalladium Complexes and Its Application to the Synthesis of Medium-Sized Carbocycles. Journal of the American Chemical Society, 2001, 123, 372-377.	13.7	110
90	AuBr3-catalyzed cyclization of o-(alkynyl)nitrobenzenes. Efficient synthesis of isatogens and anthranils. Tetrahedron Letters, 2003, 44, 5675-5677.	1.4	109

#	Article	IF	Citations
91	Lewis acid mediated reactions of organocopper reagents. A remarkably enhanced regioselective .gamma.-attack of allylic halides and direct alkylation of allylic alcohols via RCu.cntdot.BF3 system. Journal of the American Chemical Society, 1980, 102, 2318-2325.	13.7	108
92	A new procedure for the stereoselective synthesis of (Z)-2-alkenylsilanes and -tins and their application to erythro-selective synthesis of .beta.-alkyl alcohol derivatives. Journal of the American Chemical Society, 1980, 102, 4548-4550.	13.7	108
93	Nonlinear optical properties of novel carboraneâ€“ferrocene conjugated dyads. Electron-withdrawing characteristics of carboranes. Journal of Materials Chemistry, 2002, 12, 2701-2705.	6.7	108
94	PtBr2-Catalyzed Transformation of Allyl(o-ethynylaryl)carbinol Derivatives into Functionalized Indenes. Formal sp3Câ^'H Bond Activation. Journal of Organic Chemistry, 2006, 71, 6204-6210.	3.2	108
95	Diastereoselectivity of the conjugate addition of organocopper reagents to .gamma.-alkoxy .alpha.,.beta.-unsaturated carbonyl derivatives. Importance of the reagent type and the double-bond geometry. Journal of the American Chemical Society, 1992, 114, 7652-7660.	13.7	106
96	Gold-catalyzed intramolecular hydroamination of allenes: a case of chirality transfer. Tetrahedron Letters, 2006, 47, 4749-4751.	1.4	106
97	Catalytic Cyclization ofo-Alkynylbenzaldehyde Acetals and Thioacetals. Unprecedented Activation of the Platinum Catalyst by Olefins. Scope and Mechanism of the Reaction. Journal of the American Chemical Society, 2004, 126, 15423-15430.	13.7	105
98	Click Chemistry of Alkyneâ€“Azide Cycloaddition using Nanostructured Copper Catalysts. ChemCatChem, 2012, 4, 1217-1229.	3.7	105
99	Novel [3+2] Cycloaddition of Alkylidenecyclopropanes with Aldehydes Catalyzed by Palladium. Angewandte Chemie - International Edition, 2001, 40, 1298-1300.	13.8	104
100	Recent Progress in the Catalytic Synthesis of Imidazoles. Chemistry - an Asian Journal, 2007, 2, 568-578.	3.3	103
101	New method for the synthesis of boron-10 containing nucleoside derivatives for neutron-capture therapy via palladium-catalyzed reaction. Journal of Organic Chemistry, 1989, 54, 4734-4736.	3.2	102
102	A Thermodynamic Preference of ChiralN-Methanesulfonyl andN-Arenesulfonyl 2,3-cis-3-Alkyl-2-Vinylaziridines over Their 2,3-Trans-Isomers:Â Useful Palladium(0)-Catalyzed Equilibration Reactions for the Synthesis of (E)-Alkene Dipeptide Isosteres. Journal of Organic Chemistry, 1997, 62, 999-1015.	3.2	101
103	A One-Pot Procedure for the Regiocontrolled Synthesis of Allyltriazoles via the Pdâ^'Cu Bimetallic Catalyzed Three-Component Coupling Reaction of Nonactivated Terminal Alkynes, Allyl Carbonate, and Trimethylsilyl Azide. Journal of Organic Chemistry, 2004, 69, 2386-2393.	3.2	101
104	Remarkable Catalytic Property of Nanoporous Gold on Activation of Diborons for Direct Diboration of Alkynes. Organic Letters, 2013, 15, 5766-5769.	4.6	101
105	Amphiphilic Catalytic Allylating Reagent, Bis-Ï€-allylpalladium Complex. Journal of the American Chemical Society, 1997, 119, 8113-8114.	13.7	100
106	Palladium-Catalyzed Regioselective [3 + 2] Cycloaddition of Vinylic Oxiranes with Activated Olefins. A Facile Synthesis of Tetrahydrofuran Derivatives. Journal of Organic Chemistry, 1998, 63, 3067-3071.	3.2	100
107	Diastereofacial selectivity in the reaction of allylic organometallic compounds with imines. Stereoelectronic effect of imine group. Journal of Organic Chemistry, 1985, 50, 3115-3121.	3.2	99
108	Palladium-Catalyzed Hydrocarboxylation of Allenes. Journal of the American Chemical Society, 1998, 120, 3809-3810.	13.7	99

#	Article	IF	Citations
109	Unsupported Nanoporous Gold Catalyst for Highly Selective Hydrogenation of Quinolines. Organic Letters, 2013, 15, 1484-1487.	4.6	99
110	Ytterbium triflate and high pressure-mediated ring opening of epoxides with amines. Journal of the Chemical Society Perkin Transactions 1, 1994, , 2597.	0.9	98
111	Palladium-Catalyzed Highly Chemo-and Regioselective Formal [2 + 2 + 2] Sequential Cycloaddition of Alkynes:Â A Renaissance of the Well Known Trimerization Reaction?â€. Journal of Organic Chemistry, 2001, 66, 2835-2841.	3.2	98
112	The First Catalytic Asymmetric Allylation of Imines with the Tetraallylsilaneâ^'TBAFâ^'MeOH System, Using the Chiral Bis-Ï€-allylpalladium Complex. Journal of Organic Chemistry, 2004, 69, 735-738.	3.2	98
113	Gold-catalyzed hydrofunctionalization of allenes with nitrogen and oxygen nucleophiles and its mechanistic insight. Tetrahedron, 2009, 65, 1799-1808.	1.9	98
114	Palladium/benzoic acid-catalyzed hydroalkoxylation of alkynes. Tetrahedron Letters, 2001, 42, 6207-6210.	1.4	97
115	The Fate of Bis(Î·3-allyl)palladium Complexes in the Presence of Aldehydes (or Imines) and Allylic Chlorides: Stille Coupling versus Allylation of Aldehydes (or Imines). Angewandte Chemie - International Edition, 2001, 40, 3208-3210.	13.8	96
116	Convergent Total Syntheses of Gambierol and 16-epi-Gambierol and Their Biological Activities. Journal of the American Chemical Society, 2003, 125, 11893-11899.	13.7	95
117	Carboxylic Acid-Catalyzed Highly Efficient and Selective Hydroboration of Alkynes with Pinacolborane. Organic Letters, 2014, 16, 4670-4673.	4.6	94
118	Ytterbium triflate catalyzed ring opening of aziridines with amines. Tetrahedron Letters, 1994, 35, 7395-7398.	1.4	92
119	Ring Opening in the Hydroamination of Methylenecyclopropanes Catalyzed by Palladium. Journal of Organic Chemistry, 1998, 63, 6458-6459.	3.2	92
120	A New Pd⁰ï¿½ï¿½Cu^IBimetallic Catalyst for the Synthesis of Indoles from Isocyanates and Allyl Carbonates. Angewandte Chemie - International Edition, 2002, 41, 3230-3233.	13.8	92
121	Domino allylation and cyclization of ortho-alkynylbenzaldehydes with allyltrimethylsilane catalyzed by Pd(II)â€“Cu(II) bimetallic systems. Tetrahedron, 2005, 61, 11322-11326.	1.9	92
122	Synthesis of Novel Antitumor Agent 1-Methoxy-5,10- dioxo-5,10-dihydro-1H-benzo[g]isochromene Carboxylic Acid (3-Dimethylylaminopropyl)amide with a Dual Role Pd(II) Catalyst. Journal of Organic Chemistry, 2003, 68, 9496-9498.	3.2	91
123	Cobalt-Catalyzed Hydroalkylation of [60]Fullerene with Active Alkyl Bromides: Selective Synthesis of Monoalkylated Fullerenes. Journal of the American Chemical Society, 2011, 133, 12842-12848.	13.7	91
124	Pd-Catalyzed Cascade Crossover Annulation of o-Alkynylarylhalides and Diarylacetylenes Leading to Dibenzo[a,e]pentalenes. Journal of the American Chemical Society, 2013, 135, 10222-10225.	13.7	91
125	Iodine-mediated electrophilic cyclization of 2-alkynylbenzaldoximes leading to the formation of iodoisoquinoline N-oxides. Tetrahedron Letters, 2008, 49, 5531-5533.	1.4	90
126	Unsupported Nanoporous Gold Catalyst for Chemoselective Hydrogenation Reactions under Low Pressure: Effect of Residual Silver on the Reaction. Journal of the American Chemical Society, 2016, 138, 10356-10364.	13.7	90

#	Article	IF	Citations
127	Amide cuprate reagents as a new class of nitrogen nucleophiles. Application to asymmetric synthesis of .beta.-lactams. Journal of the American Chemical Society, 1992, 114, 5427-5429.	13.7	88
128	A Novel Route to Diastereomerically Pure(E)-Alkene Dipeptide Isosteres fromÎ²-Aziridinyl-Î±,Î²-enoates by Treatment with Organocopper Reagents. Angewandte Chemie International Edition in English, 1994, 33, 652-654.	4.4	88
129	Intramolecular Nucleophilic Addition of Aryl Bromides to Ketones Catalyzed by Palladium. Journal of the American Chemical Society, 2000, 122, 4827-4828.	13.7	88
130	Novel Synthetic Route to Allyl Cyanamides:Â Palladium-Catalyzed Coupling of Isocyanides, Allyl Carbonate, and Trimethylsilyl Azide. Journal of the American Chemical Society, 2001, 123, 9453-9454.	13.7	87
131	Palladium-Catalyzed Intermolecular Hydroamination of Alkynes:Â A Dramatic Rate-Enhancement Effect ofo-Aminophenol. Journal of the American Chemical Society, 2002, 124, 12670-12671.	13.7	87
132	Catalytic Asymmetric Intramolecular Hydroamination of Alkynes in the Presence of a Catalyst System Consisting of Pd(0)-Methyl Norphos (or Tolyl Renorphos)-Benzoic Acid. Journal of Organic Chemistry, 2008, 73, 9698-9709.	3.2	87
133	Lewis Acid Catalyzedtrans-Allylsilylation of Unactivated Alkynes. Journal of the American Chemical Society, 1997, 119, 6781-6786.	13.7	86
134	Synthesis of 1,2-dihydroisoquinolines via the reaction of ortho-alkynylarylimines with bis-Ï€-allylpalladium. Tetrahedron Letters, 2004, 45, 7339-7341.	1.4	86
135	Highly Efficient Cu(OAc)₂â€Catalyzed Dimerization of Monofunctionalized Hydrofullerenes Leading to Singleâ€Bonded [60]Fullerene Dimers. Angewandte Chemie - International Edition, 2012, 51, 802-806.	13.8	86
136	Palladium-Catalyzed [4+2] Cross-Benzannulation Reaction of Conjugated Enynes with Diynes and Triynes. Journal of the American Chemical Society, 1999, 121, 6391-6402.	13.7	85
137	Palladium-Catalyzed Aminoallylation of Activated Olefins with Allylic Halides and Phthalimide. Journal of Organic Chemistry, 2002, 67, 5977-5980.	3.2	85
138	A novel class of alkylating reagent, RCu.BF3. Substitution of allyl halides with complete allylic rearrangement. Journal of the American Chemical Society, 1977, 99, 8068-8070.	13.7	84
139	First Intermolecular Regiospecific Palladium-Catalyzed Enyneâ^'Diyne [4 + 2] Cross-Benzannulation Reaction. Journal of the American Chemical Society, 1997, 119, 11313-11314.	13.7	84
140	Palladium-Catalyzed Addition of Alcohol Pronucleophiles to Alkylidenecyclopropanes. Journal of Organic Chemistry, 2001, 66, 270-275.	3.2	84
141	Very high 1,2-asymmetric induction in the reaction of allyl-9-BBN with certain imines. Evidence for a stereoelectronic effect to enhance the Cram selectivity. Journal of the American Chemical Society, 1984, 106, 5031-5033.	13.7	82
142	Palladium-catalyzed enyneâ€“yne [4+2] benzannulation as a new and general approach to polysubstituted benzenes. Journal of Organometallic Chemistry, 1999, 576, 232-247.	1.8	82
143	Allyl- and Benzylindium Reagents. Carboindation of Carbonâ^'Carbon and Carbonâ^'Nitrogen Triple Bonds. Journal of Organic Chemistry, 1999, 64, 4095-4101.	3.2	82
144	Aerobic oxidation of alcohols in the liquid phase with nanoporous gold catalysts. Chemical Communications, 2012, 48, 4540.	4.1	82

#	Article	IF	Citations
145	Lewis Acid-Catalyzed Hydrostannation of Acetylenes. Regio- and StereoselectiveTrans-Addition of Tributyltin Hydride and Dibutyltin Dihydrideâ€. Journal of Organic Chemistry, 1996, 61, 4568-4571.	3.2	81
146	A Route to 2-Substituted Tetrahydroquinolines via Palladium-Catalyzed Intramolecular Hydroamination of Anilino-alkynes. Journal of Organic Chemistry, 2007, 72, 6577-6579.	3.2	80
147	Polyols of a cascade type as a water-solubilizing element of carborane derivatives for boron neutron capture therapy. Journal of Organic Chemistry, 1992, 57, 435-435.	3.2	79
148	Zinc Chloride as a Radical Initiator as Well as a Chelating Agent. Journal of the American Chemical Society, 1994, 116, 421-422.	13.7	79
149	Regiospecific synthesis of 2-allyl-1,2,3-triazoles by palladium-catalyzed 1,3-dipolar cycloaddition. Tetrahedron Letters, 2002, 43, 9707-9710.	1.4	79
150	Intramolecular Hydroamination of Alkynes Catalyzed by Pd(PPh3)4/Triphenylphosphine under Neutral Conditions. Journal of Organic Chemistry, 2005, 70, 4883-4886.	3.2	79
151	TfOH-catalyzed intramolecular alkyneâ€“ketone metathesis leading to highly substituted five-membered cyclic enones. Chemical Communications, 2009, , 3533.	4.1	79
152	Development of a new acyl anion equivalent for the preparation of masked activated esters, and their use to prepare a dipeptide. Journal of Organic Chemistry, 1990, 55, 4515-4516.	3.2	78
153	Rh(III)-Catalyzed Regioselective Functionalization of Câ€“H Bonds of Naphthylcarbamates for Oxidative Annulation with Alkynes. Organic Letters, 2014, 16, 4830-4833.	4.6	78
154	Palladium-Catalyzed Hydroalkoxylation of Methylenecyclopropanes. Angewandte Chemie - International Edition, 1999, 38, 3365-3367.	13.8	77
155	Regiospecific synthesis of 2-allylated-5-substituted tetrazoles via palladium-catalyzed reaction of nitriles, trimethylsilyl azide, and allyl acetates. Tetrahedron Letters, 2000, 41, 4193-4196.	1.4	77
156	Palladium-catalyzed [3+2] cycloaddition of alkylidenecyclopropanes with imines. Tetrahedron Letters, 2001, 42, 6203-6205.	1.4	77
157	Palladium-Catalyzed Addition of Nitrogen Pronucleophiles to Alkylidenecyclopropanes. Journal of Organic Chemistry, 2005, 70, 5932-5937.	3.2	77
158	Selective Aerobic Oxidation of Methanol in the Coexistence of Amines by Nanoporous Gold Catalysts: Highly Efficient Synthesis of Formamides. Chemistry - A European Journal, 2013, 19, 11832-11836.	3.3	77
159	Regional convergence in the reaction of heterosubstituted allylic carbanions via allylic aluminum and boron ate complexes. Journal of Organic Chemistry, 1984, 49, 1096-1104.	3.2	76
160	Aminolead compounds as a new reagent for regioselective ring opening of epoxides. Tetrahedron Letters, 1989, 30, 4255-4258.	1.4	76
161	Oxindole Synthesis through Intramolecular Nucleophilic Addition of Vinylpalladiums to Aryl Isocyanates. Angewandte Chemie - International Edition, 2005, 44, 7718-7721.	13.8	76
162	Synthesis of 2,3-disubstituted benzofurans and indoles by Ï€-Lewis acidic transition metal-catalyzed cyclization of ortho-alkynylphenyl O,O- and N,O-acetals. Tetrahedron, 2007, 63, 8670-8676.	1.9	75

#	Article	IF	Citations
163	Importance of the timing of bond breaking and bond making in acetal templates. Enantiodivergent synthesis of steroidal side chains. Journal of the American Chemical Society, 1986, 108, 7116-7117.	13.7	74
164	Synthesis of Various Silacycles via the Lewis Acid-Catalyzed IntramolecularTrans-Hydrosilylation of Unactivated Alkynes. Journal of Organic Chemistry, 2000, 65, 8919-8923.	3.2	74
165	Organocyanocopper-trifluoroborane mediated 1,3-chirality transfer reaction of .gamma.-(mesyloxy)-.alpha.-alkyl .alpha.,.beta.-enoates for the construction of chiral quaternary carbon centers with high optical purity. Journal of Organic Chemistry, 1989, 54, 4055-4061.	3.2	73
166	Lewis Acid-Catalyzed Hydrometalation and Carbometalation of Unactivated Alkynes. Bulletin of the Chemical Society of Japan, 2000, 73, 1071-1087.	3.2	73
167	Single crystal biphenyl end-capped furan-incorporated oligomers: influence of unusual packing structure on carrier mobility and luminescence. Journal of Materials Chemistry C, 2013, 1, 4163.	5.5	73
168	Late Transition Metal-Catalyzed Hydroamination. Topics in Organometallic Chemistry, 2012, , 115-143.	0.7	72
169	Triflic Acid Catalyzed Synthesis of Spirocycles via Acetylene Cations. Angewandte Chemie - International Edition, 2009, 48, 5893-5896.	13.8	71
170	Reaction of allylic boron and aluminum "ate" complexes with organic halides and carbonyl compounds. Trialkylboranes as regio-, stereo-, and chemoselective control elements. Journal of the American Chemical Society, 1981, 103, 1969-1975.	13.7	70
171	PtBr2-Catalyzed Consecutive Enyne Metathesisâ^'Aromatization of 1-(1-Methoxy-but-3-enyl)-2-(1-alkynyl)benzenes:Â Dual Role of the Pt Catalyst. Journal of Organic Chemistry, 2005, 70, 892-897.	3.2	70
172	Gold-catalyzed intermolecular hydroalkoxylation of allenes; difference in mechanism between hydroalkoxylation and hydroamination. Tetrahedron Letters, 2008, 49, 4908-4911.	1.4	70
173	BrÃ¸nsted Acid-Catalyzed Cascade Cycloisomerization of Enynes via Acetylene Cations and sp³-Hybridized Câ^'H Bond Activation. Journal of the American Chemical Society, 2010, 132, 5590-5591.	13.7	70
174	Nanoporous Copper Metal Catalyst in Click Chemistry: Nanoporosityâ€Dependent Activity without Supports and Bases. Advanced Synthesis and Catalysis, 2011, 353, 3095-3100.	4.3	70
175	Very high chemoselective, regioselective, and E-stereoselective 1,3-chirality transfer involving reaction of acyclic (E)- and (Z)-.gamma.-mesyloxy .alpha.,.beta.-enoates and organocyanocopper-trifluoroborane reagents. Efficient synthetic routes to functionalized chiral .alpha.-alkyl (E)-.beta.,.gamma.-enoates and (E)-allylic alcohols with high optical purity. Journal of the	13.7	69
176	Nonlinear optical properties of novel fullereneâ€“ferrocene hybrid moleculesElectronic supplementary information (ESI) available: complete experimental procedure, including NMR, FTIR, MS, elemental analysis/HRMS, cyclic voltammetric and UV-vis absorption data for 1â€“3. See http://www.rsc.org/suppdata/jm/b2/b211019a/. Journal of Materials Chemistry, 2003, 13, 511-513.	6.7	69
177	Synthetic Strategies of Marine Polycyclic Ethers via Intramolecular Allylations:â€‰ Linear and Convergent Approaches. Accounts of Chemical Research, 2005, 38, 423-432.	15.6	69
178	Nickel(0)-Catalyzed [2 + 2] Annulation of Electron-Deficient Allenes. Highly Regioselective Synthesis of Cyclobutanes. Journal of the American Chemical Society, 2000, 122, 10776-10780.	13.7	68
179	Indenol Ether Formation from Aryl Alkynes Bearing ortho-Acetals: An Unprecedented Rearrangement in Palladium-Catalyzed Carboalkoxylation. Angewandte Chemie - International Edition, 2002, 41, 4328-4331.	13.8	67
180	Total Synthesis of Brevetoxin B. Journal of the American Chemical Society, 2005, 127, 9246-9250.	13.7	67

#	Article	IF	Citations
181	Interweaving Visibleâ€Light and Iron Catalysis for Nitrene Formation and Transformation with Dioxazolones. Angewandte Chemie - International Edition, 2021, 60, 16426-16435.	13.8	67
182	.alpha.-Silyl- or -stannyl-substituted crotyl-9-borabicyclo[3.3.1]nonane as a new reagent for the stereoregulated synthesis of acrylic systems. Journal of the American Chemical Society, 1981, 103, 3229-3231.	13.7	66
183	Stabilization and activation of dienolates with germanium and tin. Stereo- and regioselective aldol reactions, regioselective coupling reactions, and regioselective synthesis of amino acid derivatives. Journal of Organic Chemistry, 1990, 55, 3118-3128.	3.2	66
184	Stereocontrolled intramolecular cyclization of Ï‰-tributylstannyl ether aldehydes. synthesis of the 6Â·7Â·7Â·6 ring system of polycyclic ethers. Tetrahedron Letters, 1991, 32, 7069-7072.	1.4	65
185	Convergent Synthesis of Polycyclic Ethers via the Intramolecular Allylation of Î±-Acetoxy Ethers and Subsequent Ring-Closing Metathesis:â€‰ Synthesis of the CDEFG Ring System of Gambierol. Journal of the American Chemical Society, 2001, 123, 6702-6703.	13.7	65
186	Convergent Synthesis of Polycyclic Ethers via the Intramolecular Allylation of Î±-Acetoxy Ethers and Subsequent Ring-Closing Metathesis. Journal of the American Chemical Society, 2002, 124, 3562-3566.	13.7	65
187	Microwave-enhanced Pd(0)/acetic acid catalyzed allylation reactions of C, N, and O-pronucleophiles with alkynes. Tetrahedron Letters, 2004, 45, 8497-8499.	1.4	65
188	Highly efficient heterogeneous aerobic cross-dehydrogenative coupling via Câ€“H functionalization of tertiary amines using a nanoporous gold skeleton catalyst. Chemical Communications, 2015, 51, 12764-12767.	4.1	65
189	Allylation of Unactivated and/or Functionalized Alkynes with Allylindiums. Journal of Organic Chemistry, 1997, 62, 2318-2319.	3.2	64
190	A Concise Synthesis of Enantiomerically Purel-(4-Boronophenyl)alanine froml-Tyrosine. Journal of Organic Chemistry, 1998, 63, 7529-7530.	3.2	64
191	Palladium-catalyzed reaction of arynes with a bis-Ï€-allyl palladium complex. An efficient method for the synthesis of 1,2-diallylated derivatives of benzene. Tetrahedron Letters, 2000, 41, 729-731.	1.4	64
192	A novel metal-free panchromatic TiO2 sensitizer based on a phenylenevinylene-conjugated unit and an indoline derivative for highly efficient dye-sensitized solar cells. Chemical Communications, 2011, 47, 12400.	4.1	64
193	Synthesis of Benzoxazoles from 2-Aminophenols and Î²-Diketones Using a Combined Catalyst of BrÃ¸nsted Acid and Copper Iodide. Journal of Organic Chemistry, 2014, 79, 6310-6314.	3.2	64
194	Tetrabutylammonium Fluoride Promoted Novel Reactions ofo-Carborane:Â Inter- and Intramolecular Additions to Aldehydes and Ketones and Annulation via Enals and Enones. Journal of the American Chemical Society, 1998, 120, 1167-1171.	13.7	63
195	Total Synthesis of Brevenal. Organic Letters, 2009, 11, 2531-2534.	4.6	63
196	Aza-Payne Rearrangement of Activated 2-Aziridinemethanols and 2,3-Epoxy Amines under Basic Conditions. Journal of Organic Chemistry, 1995, 60, 2044-2058.	3.2	62
197	Copper-catalyzed tandem reaction between imines and alcohols leading to indoles. Tetrahedron Letters, 2004, 45, 35-38.	1.4	62
198	Silver(I)-Catalyzed Novel Cascade Cyclization Reactions:Â Incorporation of Allenes into the Isochromenes. Journal of Organic Chemistry, 2005, 70, 10096-10098.	3.2	62

#	Article	IF	Citations
199	Carbocycle Synthesis through Facile and Efficient Palladiumâ€Catalyzed Allylative Deâ€aromatization of Naphthalene and Phenanthrene Allyl Chlorides. Angewandte Chemie - International Edition, 2008, 47, 4366-4369.	13.8	62
200	Crotylzirconium derivatives as a new reagent for the threo selective synthesis of Î²-methylhomoallyl alcohols. Tetrahedron Letters, 1981, 22, 2895-2898.	1.4	61
201	New type of cyclization of .alpha.,.beta.,.chi.,.psi.-unsaturated dioic acid esters through tandem conjugate additions by using lithium N-benzyl-N-(trimethylsilyl)amide as a nitrogen nucleophile. Journal of Organic Chemistry, 1992, 57, 3139-3145.	3.2	61
202	Carboraneâ€“fullerene hybrids as a seemingly attractiveâ€“attractive dyad with high hyperpolarizability. Chemical Communications, 2000, , 1595-1596.	4.1	61
203	Palladium-Catalyzed Hydrocarbonation and Hydroamination of 3,3-Dihexylcyclopropene with Pronucleophiles. Journal of Organic Chemistry, 2003, 68, 2297-2299.	3.2	61
204	Acyclic stereocontrol via and electron-transfer process. Remarkable stereochemical difference between one- and two-electron events. Journal of the American Chemical Society, 1988, 110, 617-618.	13.7	60
205	Stereodivergent synthesis of the enolates of a Î²-amino ester by using lithium N-benzyltrimethylsilylamide. Tetrahedron, 1990, 46, 4563-4572.	1.9	60
206	Transition Metal Catalyzed Addition of Certain Nucleophiles to Imines. Journal of the American Chemical Society, 1994, 116, 3161-3162.	13.7	60
207	Synthesis and Biological Properties of Water-Soluble p-Boronophenylalanine Derivatives. Relationship between Water Solubility, Cytotoxicity, and Cellular Uptake. Journal of Medicinal Chemistry, 1995, 38, 1673-1678.	6.4	60
208	A nanostructured skeleton catalyst: Suzuki-coupling with a reusable and sustainable nanoporous metallic glass Pd-catalyst. Chemical Communications, 2011, 47, 5985.	4.1	60
209	Lewis Acid-Catalyzedtrans-Carbosilylation of Simple Alkynes. Journal of Organic Chemistry, 1996, 61, 4874-4875.	3.2	59
210	Palladium catalyzed intramolecular hydrocarbonation of allenes leading to carbocycles. Tetrahedron Letters, 1996, 37, 7453-7456.	1.4	59
211	Palladium(0)-Catalyzed Isomerization Reactions of Aziridines Bearing an Î±,Î²-Unsaturated Ester Group:Â A Thermodynamic Preference for Chiral Alkyl (2E)-4,5-cis-4,5-Epimino-N-(alkyl- or arylsulfonyl) 2-Enoates over the Other Three Stereoisomers. Journal of Organic Chemistry, 1997, 62, 2982-2991.	3.2	59
212	Formation of Cyclic Ethers via the Palladium-Catalyzed Cycloaddition of Activated Olefins with Allylic Carbonates Having a Hydroxy Group at the Terminus of the Carbon Chain. Journal of Organic Chemistry, 2001, 66, 7142-7147.	3.2	59
213	Nonlinear optical studies of fullereneâ€“arylethyne hybrids. Journal of Materials Chemistry, 2003, 13, 21-26.	6.7	59
214	Pd-Catalyzed Synthesis of 9,9â€²-Bifluorenylidene Derivatives via Dual Câ€“H Activation of Bis-biaryl Alkynes. Journal of the American Chemical Society, 2014, 136, 9540-9543.	13.7	59
215	Highly Selective Semihydrogenation of Alkynes to Alkenes by Using an Unsupported Nanoporous Palladium Catalyst: No Leaching of Palladium into the Reaction Mixture. ACS Catalysis, 2017, 7, 8296-8303.	11.2	59
216	Organometallic high-pressure reactions. 2. Aldol reaction of silyl enol ethers with aldehydes under neutral conditions. Journal of the American Chemical Society, 1983, 105, 6963-6965.	13.7	58

#	Article	IF	Citations
217	Allylic organometallic way to control acyclic stereochemistry and its application to the synthesis of carbohydrates. Journal of Organometallic Chemistry, 1985, 285, 31-42.	1.8	58
218	NMR detection of N-acyliminium ion intermediates generated from .alpha.-alkoxycarbamates. Journal of the American Chemical Society, 1992, 114, 121-125.	13.7	58
219	Chelation Control through the Coordination of Lewis Acids to an Acetylenic Ï€-Bond. Journal of the American Chemical Society, 2000, 122, 4817-4818.	13.7	58
220	Four-component coupling reactions of silylacetylenes, allyl carbonates, and trimethylsilyl azide catalyzed by a Pd(0)â€“Cu(I) bimetallic catalyst. Fully substituted triazole synthesis from seemingly internal alkynes. Tetrahedron Letters, 2004, 45, 689-691.	1.4	58
221	A new route for the synthesis of indolizidine (â^')-209D: excellent diastereoselectivity in the intramolecular hydroamination of alkynes. Tetrahedron Letters, 2005, 46, 2101-2103.	1.4	58
222	Co-Catalyzed Radical Cycloaddition of [60]Fullerene with Active Dibromides: Selective Synthesis of Carbocycle-Fused Fullerene Monoadducts. Organic Letters, 2013, 15, 4030-4033.	4.6	58
223	Selective hydrosilylation of alkynes with a nanoporous gold catalyst. Catalysis Science and Technology, 2013, 3, 2902.	4.1	58
224	Lithium n-benzyltrimethylsilylamide (LSA): a new reagent for conjugate addition - enolate trapping reactions. Tetrahedron, 1988, 44, 4173-4180.	1.9	57
225	Highly Diastereoselective Conjugate Addition of Lithium Dialkylamides to Î±,Î²-Unsaturated Esters Having a Chiral Center at the Î³-Position. Journal of Organic Chemistry, 1997, 62, 6274-6282.	3.2	57
226	Lewis acid catalyzed allylstannylation of unactivated alkynes. Tetrahedron, 1999, 55, 3779-3790.	1.9	57
227	Palladium-Catalyzed Selective Synthesis of 2-Allyltetrazoles. Journal of Organic Chemistry, 2002, 67, 7413-7417.	3.2	57
228	Synthesis of extended polycyclic aromatic hydrocarbons by oxidative tandem spirocyclization and 1,2-aryl migration. Nature Communications, 2017, 8, 15073.	12.8	57
229	Allylation of Carbon Pronucleophiles with Alkynes in the Presence of Palladium/Acetic Acid Catalyst. Advanced Synthesis and Catalysis, 2004, 346, 800-804.	4.3	56
230	A novel method for creation of free volume in a one-component self-assembled monolayer. Dramatic size effect of para-carborane. Journal of Materials Chemistry, 2005, 15, 478.	6.7	56
231	Gold-catalyzed synthesis of isoquinolines via intramolecular cyclization of 2-alkynyl benzyl azides. Tetrahedron Letters, 2009, 50, 3651-3653.	1.4	56
232	Organocopper-Lewis acid mediated 1,3-chirality transfer of acyclic .gamma.,.delta.-dioxygenated (E)-.alpha.,.beta.-enoates. Regio-, (E)-stereo-, and diastereoselective .alpha.-alkylation approaching 100% selectivity. Journal of the American Chemical Society, 1986, 108, 7420-7422.	13.7	55
233	Hydrofurylation of Alkylidenecyclopropanes Catalyzed by Palladium. Journal of the American Chemical Society, 2000, 122, 2661-2662.	13.7	55
234	Lactam Synthesis via the Intramolecular Hydroamidation of Alkynes Catalyzed by Palladium Complexes. Journal of Organic Chemistry, 2006, 71, 3612-3614.	3.2	55

#	Article	IF	Citations
235	The influence of (organo)metallics â€œmetal-tuningâ€•on stereo- and regio-chemical convergence in reactions of allylic carbanions with aldehydes. Journal of Organometallic Chemistry, 1985, 292, 311-318.	1.8	54
236	Palladium-Catalyzed Decarboxylative Aza-Michael Additionâ^'Allylation Reactions between Allyl Carbamates and Activated Olefins. Generation of Quaternary Carbon Adjacent to Secondary Amine Carbon Center. Journal of Organic Chemistry, 2006, 71, 6991-6995.	3.2	54
237	Syn-SN2' pathway in the reaction of certain .gamma.-(mesyloxy) .alpha.,.beta.-enoates with RCu(CN)MgX.BF3 reagents. Importance of MgX and bulky R group upon the diastereoselectivity. Journal of Organic Chemistry, 1993, 58, 1207-1214.	3.2	53
238	A Three Component Coupling Approach to a Chiral 1.beta.-Methylcarbapenem Key Intermediate. Journal of Organic Chemistry, 1995, 60, 143-148.	3.2	53
239	Highly Regiocontrolled and Efficient Synthesis of Vinyl- and AllylstannanesviaLewis Acids and Pd-Catalyzed Hydrostannation of Allenes:Â Scope and Limitations. Journal of Organic Chemistry, 1997, 62, 2963-2967.	3.2	53
240	Highly Regioselective Cyclotrimerization of 1-Perfluoroalkylenynes Catalyzed by Nickel. Journal of Organic Chemistry, 2001, 66, 796-802.	3.2	53
241	Nickel(0)-Catalyzed Dimerization of Ethyl Cyclopropylideneacetates. Journal of Organic Chemistry, 2002, 67, 4911-4915.	3.2	53
242	A new approach to the construction of .beta.-alkoxy-substituted cyclic ethers via the intramolecular cyclization of .omega.-trialkylplumbyl and .omega.-trialkylstannyl ether acetals. Journal of Organic Chemistry, 1990, 55, 6066-6068.	3.2	52
243	Enantioselective synthesis of the AB ring fragment of gambiertoxin 4B. Implication for the absolute configuration of gambiertoxin 4B and ciguatoxin. Tetrahedron Letters, 1991, 32, 4505-4508.	1.4	52
244	First ExclusiveEndo-digCarbocyclization:Â HfCl4-Catalyzed Intramolecular Allylsilylation of Alkynes. Journal of the American Chemical Society, 1998, 120, 5339-5340.	13.7	52
245	Palladium-Catalyzed Alkoxyallylation of Activated Olefins. Journal of the American Chemical Society, 1998, 120, 6838-6839.	13.7	52
246	Regiospesific Synthesis of Polysubstituted Phenols via the Palladium-Catalyzed Enyneâ^'Diyne [4 + 2]Cross-Benzannulation Pathway. Journal of Organic Chemistry, 1998, 63, 1244-1247.	3.2	52
247	Lewis Acid Catalyzed Stereoselective Carbosilylation. Intramoleculartrans-Vinylsilylation andtrans-Arylsilylation of Unactivated Alkynes. Journal of the American Chemical Society, 2001, 123, 10899-10902.	13.7	52
248	Direct allylic substitution of allyl alcohols by carbon pronucleophiles in the presence of a palladium/carboxylic acid catalyst under neat conditions. Tetrahedron Letters, 2004, 45, 3101-3103.	1.4	52
249	A Convenient and Efficient Route for the Allylation of Aromatic Amines and Î±-Aryl Aldehydes with Alkynes in the Presence of a Pd(0)/PhCOOH Combined Catalyst System. Journal of Organic Chemistry, 2004, 69, 8745-8750.	3.2	52
250	N-Methyl Transfer Induced Copper-Mediated Oxidative Diamination of Alkynes. Organic Letters, 2016, 18, 2487-2490.	4.6	52
251	Carbon-13 nuclear magnetic resonance studies of organoboranes. Relative importance of mesomeric boron-carbon .pi.-bonding forms in alkenyl- and alkynylboranes. Journal of Organic Chemistry, 1975, 40, 3434-3437.	3.2	51
252	Organometallic-crown reagents. Anti-Cram selectivity via R2CuLi.cntdot.crown and enhanced Cram selectivity via RLi.cntdot.crown and RMgX.cntdot.crown. Journal of the American Chemical Society, 1985, 107, 6411-6413.	13.7	51

#	Article	IF	Citations
253	Thermally Induced and Silver-Salt-Catalyzed [2+2] Cycloadditions of Imines to (Alkoxymethylene)cyclopropanes. Angewandte Chemie - International Edition, 2006, 45, 5176-5179.	13.8	51
254	Cu-Catalyzed Câ€“H Amination of Hydrofullerenes Leading to 1,4-Difunctionalized Fullerenes. Organic Letters, 2014, 16, 620-623.	4.6	51
255	Reaction of alkenylboranes with methylcopper. A convenient new procedure for the synthesis of symmetrical (E,E)-1,3-dienes. Journal of the American Chemical Society, 1977, 99, 5652-5656.	13.7	50
256	Stereocontrolled cis addition of organocopper reagents RCu.cntdot.BR'3 to .alpha.,.beta.-acetylenic carbonyl compounds. Journal of Organic Chemistry, 1979, 44, 1744-1746.	3.2	50
257	High control of the regiochemistry in reactions of heterosubstituted allylic carbanions via allylic aluminum "ate" complexes. Journal of Organic Chemistry, 1980, 45, 195-196.	3.2	50
258	Exploitation of solar energy storage systems. Valence isomerization between norbornadiene and quadricyclane derivatives. Journal of Organic Chemistry, 1981, 46, 5294-5300.	3.2	50
259	Cyclic transition state in the acid catalyzed intramolecular allylstannane-aldehyde condensation. Tetrahedron Letters, 1993, 34, 1313-1316.	1.4	50
260	Diastereodivergent control in the reactions of allylic and allenic organometallic reagents with pyruvates. Journal of Organic Chemistry, 1986, 51, 886-891.	3.2	49
261	Synthesis of carboranes containing nucleoside bases. Unexpectedly high cytostatic and cytocidal toxicity towards cancer cells. Journal of the Chemical Society Chemical Communications, 1992, , 157.	2.0	49
262	Regio- and stereo-selective ring opening of epoxides with amide cuprate reagents. Journal of the Chemical Society Chemical Communications, 1993, , 1201.	2.0	49
263	Palladium catalyzed hydrosulfination of allenes with tosylhydrazine leading to allylsulfones. Tetrahedron Letters, 1998, 39, 691-694.	1.4	49
264	Synthesis of the H ring of gambierol. Tetrahedron Letters, 1998, 39, 6373-6376.	1.4	49
265	A novel and effective route to 1,3-oxazolidine derivatives. Palladium-catalyzed regioselective [3 + 2] cycloaddition of vinylic oxiranes with imines. Tetrahedron Letters, 1999, 40, 1053-1056.	1.4	49
266	Addition of Heteroaromatics to Alkylidenecyclopropanes Catalyzed by Palladium. Journal of Organic Chemistry, 2002, 67, 3445-3449.	3.2	49
267	The metal effect on aldol type stereoselection. Erythro-selective condensations with aldehydes via .alpha.-mercurio ketones. Journal of the American Chemical Society, 1982, 104, 2323-2325.	13.7	48
268	Palladium catalyzed hydroamination of conjugated enynes. Tetrahedron Letters, 1998, 39, 1037-1040.	1.4	48
269	Lewis Acid-Catalyzed Stereoselective Intramoleculartrans-Vinylsilylation of Unactivated Alkynes. Journal of the American Chemical Society, 1999, 121, 3797-3798.	13.7	48
270	ortho-Carboranyl Glycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. Bioorganic and Medicinal Chemistry, 2001, 9, 1747-1752.	3.0	48

#	Article	IF	Citations
271	Formation of a Quaternary Carbon Center through the Pd(0)/PhCOOH-Catalyzed Allylation of Cyclic Î²-Keto Esters and 1,3-Diketones with Alkynes. Journal of Organic Chemistry, 2004, 69, 6478-6481.	3.2	48
272	Synthesis of Pyridinylpyrrole Derivatives via the Palladium-Catalyzed Reaction of Acetylpyridines with Methyleneaziridines. Journal of the American Chemical Society, 2004, 126, 13898-13899.	13.7	48
273	Phosphine-catalyzed regioselective heteroaromatization between activated alkynes and isocyanides leading to pyrroles. Tetrahedron Letters, 2005, 46, 2563-2566.	1.4	48
274	Stepwise Delivery of Two Methoxy Groups of Arylaldehyde Acetals across the Phenyl Ring. Vacant Site-Controlled Palladium Catalysis. Journal of the American Chemical Society, 2005, 127, 9844-9847.	13.7	48
275	Synthesis of 5â€Substituted 1Hâ€Tetrazoles by the Copperâ€Catalyzed [3+2] Cycloaddition of Nitriles and Trimethylsilyl Azide. Chemistry - an Asian Journal, 2008, 3, 1575-1580.	3.3	48
276	Studies on s-Cis/s-Trans Preference of Acyclic .alpha.,.beta.-Unsaturated Esters. Reactions, Supersonic Jet Spectroscopy, NOEs, and X-ray Analysis. Journal of Organic Chemistry, 1994, 59, 4068-4075.	3.2	47
277	Remarkable reversal of the regioselectivity in the palladium catalyzed hydrocarbonation reaction of allenes with methylmalononitrile. Tetrahedron Letters, 1995, 36, 2811-2814.	1.4	47
278	Stereocontrolled Total Synthesis of Hemibrevetoxin B. Journal of Organic Chemistry, 1998, 63, 6597-6606.	3.2	47
279	Preparation and application of a polymer-supported chiral Ï€-allylpalladium catalyst for the allylation of imines. Tetrahedron Letters, 2000, 41, 131-134.	1.4	47
280	Regioreversed addition of crotylmagnesium chloride to carbonyl compounds in the presence of aluminum chloride. Journal of Organic Chemistry, 1983, 48, 1564-1565.	3.2	46
281	Enantio- and diastereo-selective synthesis of amino acids via the reaction of allylic boron compounds with Î±-imino-esters. Journal of the Chemical Society Chemical Communications, 1985, , 1131-1132.	2.0	46
282	SN2â€² Ring opening of aziridines bearing an Î±,Î²-unsaturated ester group with organocopper reagents. A new stereoselective synthetic route to (E)-alkene dipeptide isosteres. Journal of the Chemical Society Perkin Transactions 1, 1995, , 1359-1371.	0.9	46
283	Lewis acid catalyzed stereoselective hydrosilylation of ketones under the control of Ïƒâ€“Ï€ chelation. Tetrahedron, 2002, 58, 8195-8203.	1.9	46
284	Tandem nucleophilic allylationâ€“alkoxyallylation of alkynylaldehydes via amphiphilic bis-Ï€-allylpalladium complexes. Tetrahedron Letters, 2002, 43, 7631-7633.	1.4	46
285	Aquapalladium Complex: A Stable and Convenient Catalyst for the Intermolecular Hydroamination of Alkynes. European Journal of Organic Chemistry, 2005, 2005, 59-62.	2.4	46
286	Facile synthesis of 3,4-dihalofurans via electrophilic iodocyclization. Chemical Communications, 2011, 47, 4541.	4.1	46
287	BrÃ¸nsted acid-catalyzed metal- and solvent-free quinoline synthesis fromN-alkyl anilines and alkynes or alkenes. Green Chemistry, 2018, 20, 261-265.	9.0	46
288	Organoboranes. 23. Reaction of organolithium and Grignard reagents with .alpha.-bromoalkylboronate esters. A convenient, essentially quantitative procedure for the synthesis of tertiary alkyl-, benzyl-, propargyl-, and stereospecific allylboranes. Journal of Organic Chemistry, 1977, 42, 4088-4092.	3.2	45

#	Article	IF	Citations
289	erythro-Selective aldol condensation via triphenyltin enolates. Stereoselection independent of the stereochemistry of the enolates. Journal of the Chemical Society Chemical Communications, 1981, , 162.	2.0	45
290	Do More Electrophilic Aldehydes/Ketones Exhibit Higher Reactivity toward Nucleophiles in the Presence of Lewis Acids?. Angewandte Chemie - International Edition, 2001, 40, 3206-3208.	13.8	45
291	Concise Synthesis of Cyclic Ethers via the Palladium-Catalyzed Coupling of Ketene Acetal Triflates and Organozinc Reagents. Application to the Iterative Synthesis of Polycyclic Ethers. Journal of Organic Chemistry, 2002, 67, 3494-3498.	3.2	45
292	Synthesis of Phthalides and 3,4-Dihydroisocoumarins Using the Palladium-Catalyzed Intramolecular Benzannulation Strategy. Journal of Organic Chemistry, 2002, 67, 2653-2658.	3.2	45
293	Syntheses of the AB and EFGH ring segments of gambierol. Tetrahedron, 2002, 58, 1799-1816.	1.9	45
294	Solvent Polarity Dependence of Photoinduced Charge Separation and Recombination Processes of Ferroceneâ^'C60Dyads. Journal of Physical Chemistry A, 2003, 107, 1452-1458.	2.5	45
295	Synthesis of 3â€•and 6â€Sulfonylindoles from orthoâ€Alkynylâ€Nâ€sulfonylanilines by the Use of Lewis Acidic Transitionâ€Metal Catalysts. Chemistry - an Asian Journal, 2008, 3, 285-295.	3.3	45
296	Donorâ€“acceptor dyes incorporating a stable dibenzosilole Ï€-conjugated spacer for dye-sensitized solar cells. Journal of Materials Chemistry, 2012, 22, 10771.	6.7	45
297	Total synthesis of Hemibrevetoxin B. Tetrahedron Letters, 1995, 36, 5777-5780.	1.4	45
298	Higher order zinc cuprate reagents. Very high 1,3-chirality transfer reaction of .gamma.-(mesyloxy)-.alpha.,.beta.-unsaturated carbonyl derivatives. Journal of Organic Chemistry, 1992, 57, 1024-1026.	3.2	44
299	Palladium- and platinum-catalysed addition of aldehydes with allylstannanes. Journal of the Chemical Society Chemical Communications, 1995, , 1273.	2.0	44
300	Palladium(0)-Catalyzed Cope Rearrangement of Acyclic 1,5-Dienes. Bis(Ï€-allyl)palladium(II) Intermediate. Journal of the American Chemical Society, 1999, 121, 10850-10851.	13.7	44
301	Gold-catalyzed regiospecific intermolecular hydrothiolation of allenes. Tetrahedron Letters, 2010, 51, 4627-4629.	1.4	44
302	Nanoporous Gold-Catalyzed [4+2] Benzannulation between ortho-Alkynylbenzaldehydes and Alkynes. Synlett, 2012, 2012, 66-69.	1.8	44
303	The anti-selective Michael addition of allylic organometals to ethylidenemalonates and related compounds. Journal of Organic Chemistry, 1988, 53, 3597-3603.	3.2	43
304	Unprecedented highly chemoselective allylation of imines in the presence of aldehydes via a palladium catalysed allylstannane reaction. Chemical Communications, 1996, , 1459.	4.1	43
305	Hydrostannation of Câ€“C multiple bonds with Bu3SnH prepared in situ from Bu3SnCl and Et3SiH in the presence of Lewis acid catalysts. Chemical Communications, 1998, , 37-38.	4.1	43
306	The first addition of silyl enol ethers to internal unactivated alkynes. Tetrahedron Letters, 1999, 40, 4081-4084.	1.4	43

#	Article	IF	Citations
307	Novel Carboranes with a DNA Binding Unit for the Treatment of Cancer by Boron Neutron Capture Therapy. ChemBioChem, 2002, 3, 219-225.	2.6	43
308	â€˜Anti-Wackerâ€™-type hydroalkoxylation of diynes catalyzed by palladium(0). Tetrahedron Letters, 2002, 43, 1085-1088.	1.4	43
309	Synthesis of 5-Azaindolizine Derivatives by the Palladium-Catalyzed Intermolecular Formal [3+2] Cycloaddition of Alkylidenecyclopropanes with 1,2-Diazines. Journal of Organic Chemistry, 2004, 69, 3202-3204.	3.2	43
310	Rhodium-Catalyzed Oxidative Benzannulation of N-Adamantyl-1-naphthylamines with Internal Alkynes via Dual Câ€“H Bond Activation: Synthesis of Substituted Anthracenes. Organic Letters, 2016, 18, 4246-4249.	4.6	43
311	A short and stereoselective synthesis of the (Â±) Prelog-Djerassi lactonic acid. Tetrahedron Letters, 1981, 22, 4235-4238.	1.4	42
312	A new enamine synthesis: Allylation-enamination reaction of nitriles with allylindium reagents. Tetrahedron Letters, 1998, 39, 4729-4732.	1.4	42
313	Palladium Catalyzed Regioselective Î²-Acetonationâ^'Î±-Allylation of Activated Olefins in One Shot. Journal of Organic Chemistry, 1998, 63, 8470-8474.	3.2	42
314	Exclusive Chemoselective Reduction of Imines in the Coexistence of Aldehydes Using AuNPore Catalyst. Organic Letters, 2014, 16, 2558-2561.	4.6	42
315	Ni-Catalyzed direct 1,4-difunctionalization of [60]fullerene with benzyl bromides. Chemical Communications, 2015, 51, 6392-6394.	4.1	42
316	Copper-Catalyzed Aza-Dielsâ€“Alder Reaction and Halogenation: An Approach To Synthesize 7-Halogenated Chromenoquinolines. Organic Letters, 2016, 18, 2491-2494.	4.6	42
317	Synthesis of Quinazolin-4(3H)-ones via the Reaction of 2-Halobenzamides with Nitriles. Journal of Organic Chemistry, 2018, 83, 10352-10358.	3.2	42
318	Organometallic high pressure reactions. Allylation of aldehydes with allylic stannanes under mild conditions. Journal of the Chemical Society Chemical Communications, 1983, , 489.	2.0	41
319	Diastereoselective intramolecular diels-alder reaction of N-alkoxycarbonyl -1-aza-1,3-butadienes and a total synthesis of the piperidine alkaloid, (Â±)-sedridine.. Tetrahedron Letters, 1991, 32, 4371-4374.	1.4	41
320	Palladium Catalyzed Î±-Addition of Certain Pronucleophiles to Alkoxyallenes. Synlett, 1995, 1995, 969-970.	1.8	41
321	trans-Allylstannylation of certain acetylenes catalysed by ZrCl4. Chemical Communications, 1996, , 1513.	4.1	41
322	Ïƒâ^'Ï€ Chelation-Controlled Stereoselective Hydrosilylation of Ketones. Journal of the American Chemical Society, 2001, 123, 6931-6932.	13.7	41
323	Palladium Catalyzed Cascade Reactions Involving Ï€-Allyl Palladium Chemistry. , 0, , 91-113.		41
324	Synthesis of Multisubstituted 2-(Dihydrofuran-2(3H)-ylidene)acetates via Intramolecular Carboalkoxylation by Platinumâ^'Olefin Catalyst System. Organic Letters, 2008, 10, 309-312.	4.6	41

#	Article	IF	Citations
325	Facile synthesis of dihaloheterocycles via electrophilic iodocyclization. Tetrahedron, 2011, 67, 10147-10155.	1.9	41
326	Chemoselective reduction of Î±,Î²-unsaturated aldehydes using an unsupported nanoporous gold catalyst. Chemical Communications, 2014, 50, 14401-14404.	4.1	41
327	2-Positional pyrene end-capped oligothiophenes for high performance organic field effect transistors. Chemical Communications, 2016, 52, 4800-4803.	4.1	41
328	Enantiodivergent 1,2- and 1,3-asymmetric induction in Î±- and Î²-alkoxyimines via metal tuning and stereodifferentiation. Journal of the Chemical Society Chemical Communications, 1985, , 814-816.	2.0	40
329	Highly Selective Synthesis of(E)-Alkene Isosteric Dipeptides With High Optical Purity via RCu(CN)LiÂ·BF3 Mediated Reaction. Angewandte Chemie International Edition in English, 1990, 29, 801-803.	4.4	40
330	Intramolecular Reaction of (Î³-Alkoxyallyl)stannane with Aldehyde:Â Origin of the Stereoselectivities. Journal of Organic Chemistry, 1997, 62, 7439-7446.	3.2	40
331	An Efficient Route to 2,6-Disubstituted Styrenes via the Palladium-Catalyzed [4 + 2] Cyclodimerization of Conjugated Enynes. Journal of Organic Chemistry, 1998, 63, 7022-7025.	3.2	40
332	Addition of hydrogen halides to alkylidenecyclopropanes: a highly efficient and stereoselective method for the preparation of homoallylic halides. Tetrahedron Letters, 2003, 44, 985-987.	1.4	40
333	Pd(0)Â–PhCOOH catalyzed addition of oxygen pronucleophiles to allenes and internal alkynes. Canadian Journal of Chemistry, 2005, 83, 569-573.	1.1	40
334	Lewis acid catalysed trans-hydrostannylation of acetylenes. Journal of the Chemical Society Chemical Communications, 1995, , 2405.	2.0	39
335	Synthesis and in vivo biodistribution of BPAâ€“Gdâ€“DTPA complex as a potential MRI contrast carrier for neutron capture therapy. Bioorganic and Medicinal Chemistry, 2005, 13, 735-743.	3.0	39
336	Controlled Synthesis of Cis or Trans Isomers of 1,3-Disubstituted Tetrahydroisoquinolines and 2,5-Disubstituted Pyrrolidines. Journal of Organic Chemistry, 2005, 70, 4043-4053.	3.2	39
337	Reusable and Sustainable Nanostructured Skeleton Catalyst: Heck Reaction with Nanoporous Metallic Glass Pd (PdNPore) as a Support, Stabilizer and Ligandâ€Free Catalyst. Advanced Synthesis and Catalysis, 2011, 353, 2927-2932.	4.3	39
338	Structureâ€“property relationship of naphthalene based donorâ€“Ï€â€“acceptor organic dyes for dye-sensitized solar cells: remarkable improvement of open-circuit photovoltage. Journal of Materials Chemistry, 2012, 22, 22550.	6.7	39
339	Regioreversed addition of but-2-enyltributylstannane to aldehydes in the presence of aluminium chlorideâ€“propan-2-ol. Journal of the Chemical Society Chemical Communications, 1983, , 742-743.	2.0	38
340	Stereodivergent synthesis of 1,2-diol derivatives via .alpha.-alkoxy organolead compounds. SE2-retention pathway. Journal of the American Chemical Society, 1990, 112, 6118-6120.	13.7	38
341	Cyanamide Synthesis by the Palladiumâ€Catalyzed Cleavage of a Siâ^'N Bond. Angewandte Chemie - International Edition, 2002, 41, 1780-1782.	13.8	38
342	Catalytic Asymmetric Carbalkoxyallylation of Imines with the Chiral Bis-Ï€-allylpalladium Complex. Journal of Organic Chemistry, 2004, 69, 3562-3564.	3.2	38

#	Article	IF	Citations
343	Boron-10 carriers for NCT. A new synthetic method via condensation with aldehydes having boronic moiety. Tetrahedron Letters, 1989, 30, 7191-7194.	1.4	37
344	Unprecedented rearrangement reaction of 2-aziridinemethanols with â€œlower orderâ€•lithium methylcyanocuprate. Tetrahedron Letters, 1993, 34, 7421-7424.	1.4	37
345	Palladium catalysed Î³-addition of pronucleophiles to allenyl sulfieds. Chemical Communications, 1996, , 831-832.	4.1	37
346	Synthesis of Carboranes Containing an Azulene Framework andin VitroEvaluation as Boron Carriers. Journal of Medicinal Chemistry, 1997, 40, 2825-2830.	6.4	37
347	Synthesis of cyclic ethers via the palladium catalyzed intramolecular hydrocarbonation of alkoxyallenes. Tetrahedron Letters, 1999, 40, 1747-1750.	1.4	37
348	A Practical Method for the Synthesis of Enantiomerically Pure 4-Borono-L-phenylalanine. Bulletin of the Chemical Society of Japan, 2000, 73, 231-235.	3.2	37
349	A New Synthetic Route to 1,3-Oxazolidines via Palladium-catalyzed Regioselective [3+2] Cycloaddition of Vinylic Oxiranes with Imines. Heterocycles, 2000, 52, 885.	0.7	37
350	Synthesis of the J ring segment of gambieric acid. Tetrahedron Letters, 2001, 42, 3649-3651.	1.4	37
351	Design, Synthesis, and Biological Evaluation of Aminoboronic Acids as Growth-Factor Receptor Inhibitors of EGFR and VEGFR-1 Tyrosine Kinases. ChemBioChem, 2004, 5, 483-490.	2.6	37
352	The Electron Spin Resonance of Triplet Dihydrodibenzo[a,d]cycloheptenylidene, Dibenzo[a,d]cycloheptenylidene, and Tribenzo[a,c,e]cycloheptenylidene. Journal of the American Chemical Society, 1967, 89, 1259-1260.	13.7	36
353	Synthesis of triacontanol via metathesis-hydroboration-isomerization-oxidation. Journal of Organic Chemistry, 1980, 45, 737-738.	3.2	36
354	Aldol reactions, conjugate additions, and alkylation reactionsof O-silylated ketene acetals under neutral conditions. Tetrahedron Letters, 1984, 25, 1075-1078.	1.4	36
355	Diastereoselectivity of conjugate addition to Î³-alkoxy-Î±,Î²-unsaturated esters via organocopperâ€“Lewis acids and related reagents. Importance of the double bond geometry in controlling the selectivity. Journal of the Chemical Society Chemical Communications, 1987, .	2.0	36
356	A novel method for generation of enolizable N-trimethylsilylaldimines and application to Î²-lactam synthesis. Tetrahedron Letters, 1989, 30, 4275-4278.	1.4	36
357	The Lewis acid mediated reaction of carbamates with Î³-oxygenated allyltin and its application to (Â±)-statine synthesis. Journal of the Chemical Society Chemical Communications, 1989, , 1310-1312.	2.0	36
358	Asymmetric cyclization via tandem conjugate addition by using metal amide reagents. Importance of the folded orientation of two enoate moieties. Journal of Organic Chemistry, 1992, 57, 5049-5051.	3.2	36
359	Synthesis of Polyether Exomethylene Paracyclophanes via an Intramolecular Pd-Catalyzed Bis-Enyne Benzannulation Protocol. Journal of Organic Chemistry, 1998, 63, 1217-1220.	3.2	36
360	Novel Palladium Catalyzed Formal [3 + 2] Cycloaddition via Hydrocarbonation Reactions of Allenes. Journal of Organic Chemistry, 1999, 64, 694-695.	3.2	36

#	Article	IF	Citations
361	Cascade cyclization of aryldiynes using iodine: synthesis of iodo-substituted benzo[b]naphtho[2,1-d]thiophene derivatives for dye-sensitized solar cells. Tetrahedron Letters, 2012, 53, 1946-1950.	1.4	36
362	Stereo-, chemo-, and regioselective reductions of carbonyl groups via the lithium di-n-butyl-9-borabicyclo[3.3.1]nonane "ate" complex. Journal of the American Chemical Society, 1976, 98, 1965-1967.	13.7	35
363	Regio- and stereo-selectivity in the reaction of methyl 4,5-epoxy-2-hexenoate with methylcopper reagents. Tetrahedron, 1989, 45, 435-442.	1.9	35
364	Ytterbium triisopropoxide catalysed ring opening of epoxides with trimethylsilyl azide. Journal of the Chemical Society Chemical Communications, 1995, , 1021.	2.0	35
365	Regioselective Synthesis of 1,3,5-Unsymmetrically Substituted Benzenes via the Palladium-Catalyzed Cyclotrimerization of 1,3-Diynes. Journal of the American Chemical Society, 1997, 119, 4547-4548.	13.7	35
366	Asymmetric total syntheses of hydroxylated piperidine alkaloids via the intramolecular reaction of Î³-aminoallylstannane with aldehyde. Tetrahedron: Asymmetry, 1997, 8, 3887-3893.	1.8	35
367	Palladium catalyzed [2+2+1] cyclotrimerization of alkynes: selective synthesis of fulvenes. Tetrahedron Letters, 2000, 41, 1971-1974.	1.4	35
368	Copper-catalyzed conversion of aryl and heteroaryl bromides into the corresponding chlorides. Chemical Communications, 2012, 48, 9468.	4.1	35
369	Palladium-catalyzed regioselective allylation of five-membered heteroarenes with allyltributylstannane. Chemical Communications, 2015, 51, 3842-3845.	4.1	35
370	Intermolecular Amidation of Quinoline N-Oxides with Arylsulfonamides under Metal-Free Conditions. Organic Letters, 2017, 19, 6088-6091.	4.6	35
371	Mediation of the reactivity of the strong Lewis acid titanium tetrachloride by complexation with XPh3 (X = arsenic, antimony, bismuth). Journal of Organic Chemistry, 1993, 58, 4783-4784.	3.2	34
372	Ytterbium Triflate Catalyzed Ring Opening of Aziridines with Amines. Heterocycles, 1996, 43, 2473.	0.7	34
373	o-Carborane as a Novel Protective Group for Aldehydes and Ketones. Journal of Organic Chemistry, 1997, 62, 780-781.	3.2	34
374	Synthesis of the E ring of gambierol. Tetrahedron Letters, 1998, 39, 6369-6372.	1.4	34
375	Synthesis of 6H-Dibenzo[b,d]pyran-6-ones from Aryl 3-Bromopropenoates via a Sequential One-Pot Procedure Using the Sonogashira Couplingâ^'Benzannulation Reaction. Journal of Organic Chemistry, 2002, 67, 5138-5141.	3.2	34
376	Facile synthesis of diiodinated dihydronaphthalenes and naphthalenes via iodine mediated electrophilic cyclization. Chemical Communications, 2011, 47, 4013.	4.1	34
377	NaOH-Catalyzed Dimerization of Monofunctionalized Hydrofullerenes: Transition-Metal-Free, General, and Efficient Synthesis of Single-Bonded [60]Fullerene Dimers. Organic Letters, 2012, 14, 3466-3469.	4.6	34
378	Regiocontrolled head-to-tail coupling of allylic boron "ate" complexes with allylic halides. Journal of the American Chemical Society, 1978, 100, 6282-6284.	13.7	33

#	Article	IF	Citations
379	A new type of stable, storable, and selective alkylating reagent, tetraalkyllead. Journal of the American Chemical Society, 1987, 109, 4395-4396.	13.7	33
380	Rearrangement approach to bridgehead substitution of 1-methoxybicyclo[2.2.2]oct-5-en-2-ones. Journal of the American Chemical Society, 1989, 111, 7264-7265.	13.7	33
381	Palladium catalysed additionâ€“substitution reaction of pronucleophiles with allenylstannanes and prop-2-ynylstannanes. Chemical Communications, 1996, , 381-382.	4.1	33
382	Palladium-Catalyzed Allylation of Pronucleophiles with Alkynes at 50 Â°C â€“ Remarkable Effect of 2-(Dicyclohexylphosphanyl)-2â€²-(dimethylamino)biphenyl as Ligand. European Journal of Organic Chemistry, 2006, 2006, 4211-4213.	2.4	33
383	Suppression of Î²-Hydride Elimination in the Intramolecular Hydrocarboxylation of Alkynes leading to the Formation of Lactones. Advanced Synthesis and Catalysis, 2007, 349, 680-684.	4.3	33
384	Triflic acid-catalyzed cascade cyclization of arenyl enynes via acetylene-cation cyclization and Friedelâ€“Crafts type reaction. Tetrahedron Letters, 2011, 52, 2069-2071.	1.4	33
385	Synthesis of new donorâ€“acceptorâ€“donor materials via Au-catalyzed double cascade cyclization. Tetrahedron Letters, 2012, 53, 914-918.	1.4	33
386	Isoquinolone Synthesis through S_NAr Reaction of 2-Halobenzonitriles with Ketones Followed by Cyclization. Journal of Organic Chemistry, 2015, 80, 3998-4002.	3.2	33
387	Regioreversed reactions of trimethylsilyl or phenylselenyl allylic carbanion with carbonyl compounds via allylic aluminum â€œateâ€•complexes. Tetrahedron Letters, 1982, 23, 4597-4600.	1.4	32
388	Asymmetric synthesis of syn 1,2-diols via the reaction of aldehydes with chiral .gamma.-(tetrahydropyranyloxy)allylstannanes. Journal of Organic Chemistry, 1992, 57, 7003-7005.	3.2	32
389	Conformationally rigid acyclic 2,2,6,6-tetramethyl-3,5-heptanediol (TMHDiol) derivative as a new class of chiral auxiliaries. Journal of the American Chemical Society, 1993, 115, 10139-10146.	13.7	32
390	Methylcopper induced coupling of dialkenylchloroboranes. New procedure for the stereoselective synthesis of (E,E)-1,3-dienes. Journal of the American Chemical Society, 1975, 97, 5606-5607.	13.7	31
391	Organoboranes. 22. Light-induced reaction of bromine with alkylboronate esters. A convenient synthesis of .alpha.-bromoalkylboronate esters. Journal of Organic Chemistry, 1977, 42, 3252-3254.	3.2	31
392	Nickel(0)-Catalyzed Unprecendented Zipper Annulation of Certain Conjugated Enynes. Journal of the American Chemical Society, 2000, 122, 1810-1811.	13.7	31
393	Synthesis of the A ring segment of gambieric acid. Tetrahedron Letters, 2001, 42, 3645-3647.	1.4	31
394	Carboranyl Bisglycosides for the Treatment of Cancer by Boron Neutron Capture Therapy. ChemBioChem, 2001, 2, 326-334.	2.6	31
395	Metal-Catalyzed Intramolecular Heteroatom (X)â†'Carbon (C) Functional Group Migration Reactions Involving Additions of Xâ€“Y Bonds Across Alkynes. Advances in Heterocyclic Chemistry, 2010, , 75-95.	1.7	31
396	The synergistic effect of nanoporous AuPd alloy catalysts on highly chemoselective 1,4-hydrosilylation of conjugated cyclic enones. Chemical Communications, 2014, 50, 3344.	4.1	31

#	Article	IF	Citations
397	Hydroamination of Alkynes Catalyzed by Palladium/Benzoic Acid. Heterocycles, 2002, 58, 347.	0.7	31
398	A new method for generation and intramolecular diels-alder reaction of N-acyl and N-alkoxycarbonyl-1-aza-1,3-butadibnes. A one-pot synthesis of 1,7,8,8a-tetrahydro-3(2H)-indolizinones and 1,2,3,8,9,9a-hexahydro-4(4h)-quinolinones from Î±,Î²-unsaturated aldehydes. Tetrahedron Letters, 1990, 31, 3753-3756.	1.4	30
399	Synthesis of 1,4-dicarbonyl compounds via the conjugate addition of a masked activated ester, ROCH(CN)2. Journal of Organic Chemistry, 1991, 56, 7195-7196.	3.2	30
400	A general and efficient method for the preparation of Î³-alkoxyallylstannanes via an acetal cleavage. Tetrahedron Letters, 1996, 37, 3195-3198.	1.4	30
401	First Synthesis of Exomethylene Paracyclophanes and Their Structural Properties. Journal of Organic Chemistry, 1997, 62, 5042-5047.	3.2	30
402	The first chemo- and regiospecific palladium-catalyzed enyne-diyne [4+2] intermolecular cross-benzannulation: an effective route to polysubstituted benzenes. Tetrahedron Letters, 1997, 38, 8603-8604.	1.4	30
403	Intramolecular Hydrocarbonation ofÎ±-Alkynyl Malononitriles Catalyzed by Palladium Olefin Complexes. Angewandte Chemie International Edition in English, 1997, 36, 2477-2480.	4.4	30
404	Allylation of ketones with allylstannanes catalyzed by Lewis acidâ€“Lewis base combined reagents. Tetrahedron Letters, 2000, 41, 9883-9887.	1.4	30
405	Effective Synthesis of Aryl Ethers and Coumaranones Employing the Palladium-Catalyzed Enyneâ^'Diyne [4 + 2] Cycloaddition Protocol. Journal of Organic Chemistry, 2000, 65, 568-572.	3.2	30
406	Synthesis of Cyclophanes via an Intermolecular Pd-Catalyzed Enyneâ^'Diyne Cross-Benzannulation Approach. Journal of Organic Chemistry, 2001, 66, 2743-2746.	3.2	30
407	A new approach to the synthesis of cyclic ethers via the intermolecular allylation of Î±-acetoxy ethers and ring-closing metathesis. Tetrahedron, 2004, 60, 7361-7365.	1.9	30
408	Facile Deallylation Protocols for the Preparation ofN-Unsubstituted Triazoles and Tetrazoles. Journal of Organic Chemistry, 2005, 70, 6389-6397.	3.2	30
409	Facile synthesis of 3,4-diiododihydrothiophenes via electrophilic iodocyclization. Tetrahedron Letters, 2011, 52, 936-938.	1.4	30
410	Theoretical Analysis on the Optoelectronic Properties of Single Crystals of Thiophene-furan-phenylene Co-Oligomers: Efficient Photoluminescence due to Molecular Bending. Journal of Physical Chemistry C, 2013, 117, 8072-8078.	3.1	30
411	Copper-catalyzed aldol-type addition of ketones to aromatic nitriles: a simple approach to enaminone synthesis. Chemical Communications, 2013, 49, 2885.	4.1	30
412	Rhodium(III)-Catalyzed Oxidative [3 + 2] Annulation of 2-Acetyl-1-arylhydrazines with Maleimides: Synthesis of Pyrrolo[3,4-b]indole-1,3-diones. Organic Letters, 2019, 21, 8563-8567.	4.6	30
413	Concerning reversal of diastereoselectivity in the BF3 promoted addition of crotylâ€”organometallic compounds to aldehydes. Journal of Organometallic Chemistry, 1985, 284, C45-C48.	1.8	29
414	Synthesis of the AB ring system of gambierol. Tetrahedron Letters, 1998, 39, 6365-6368.	1.4	29

#	Article	IF	Citations
415	A novel convergent approach to trans-fused polyether frameworks based on the reaction of vinylstannanes and triflates and its application to a synthetic study of the EFGH ring system of gambierol. Tetrahedron Letters, 2000, 41, 5769-5772.	1.4	29
416	Synthesis of indenes by ytterbium-catalyzed carboalkoxylation/Friedelâ€“Crafts reaction of arylidenecyclopropanes with acetals. Tetrahedron Letters, 2004, 45, 2903-2906.	1.4	29
417	Palladium-Catalyzed Ring-Opening Reaction of Methyleneaziridines with Carboxylic Acids:Â Synthesis of Î±-Amidoketones. Journal of Organic Chemistry, 2004, 69, 2856-2858.	3.2	29
418	Stereoselective synthesis of E-olefins by the reaction of alkenylboranes with palladium acetate. Journal of the Chemical Society Chemical Communications, 1977, , 852.	2.0	28
419	The alkylation of Î±-ethoxycarbamates with organo-lead, -zinc, and -copper reagents. High cram selectivity and formal nonbasic alkylation of imines. Tetrahedron Letters, 1989, 30, 5611-5614.	1.4	28
420	Construction of fused-ring skeletons based on photochemical rearrangements of bicyclo[3.2.1]oct-6-en-2-ones and application to a total synthesis of (.+-.)-.DELTA.9(12)-capnellene. Journal of Organic Chemistry, 1989, 54, 5411-5413.	3.2	28
421	Synthesis of Netropsin and Distamycin Analogs Bearing o-Carborane and Their DNA Recognition. Journal of Organic Chemistry, 1995, 60, 3352-3357.	3.2	28
422	An aza-Payne rearrangement-epoxide ring opening reaction of 2-aziridinemethanols in a one-pot manner: A regio- and stereoselective synthetic route to diastereomerically pure N-protected 1,2-amino alcohols. Tetrahedron, 1996, 52, 11739-11752.	1.9	28
423	Lewis acid-catalyzed trans-carbosilylation of alkynes with propargyl- and allenyltrimethylsilanes. Tetrahedron Letters, 2000, 41, 4499-4502.	1.4	28
424	Palladium-catalyzed addition of ketones to alkylidenecyclopropanes. Tetrahedron Letters, 2002, 43, 2903-2907.	1.4	28
425	Convergent synthesis of the Aâ€“F ring segment of yessotoxin and adriatoxin. Tetrahedron Letters, 2003, 44, 8935-8938.	1.4	28
426	Benzamides and benzamidines as specific inhibitors of epidermal growth factor receptor and v-Src protein tyrosine kinases. Bioorganic and Medicinal Chemistry, 2004, 12, 3529-3542.	3.0	28
427	From molecular catalysts to nanostructured materials skeleton catalysts. Pure and Applied Chemistry, 2012, 84, 1771-1784.	1.9	28
428	Catalytic Performance of Nanoporous Metal Skeleton Catalysts for Molecular Transformations. ChemSusChem, 2019, 12, 2936-2954.	6.8	28
429	Selective reduction of tertiary alkyl, benzyl, and allyl halides to hydrocarbons using lithium 9,9-di-n-butyl-9-borabicyclo[3.3.1]nonanate. Tetrahedron, 1981, 37, 2261-2267.	1.9	27
430	Heterosubstituted allylic carbanion based stereocontrol, regio- and stereo- selective reaction of O and S substituted allylic carbanions with aldehydes. Tetrahedron Letters, 1982, 23, 4959-4962.	1.4	27
431	An efficient synthesis of chiral quaternary carbon centres with high optical purity via 1,3-chirality transfer. Journal of the Chemical Society Chemical Communications, 1987, , 1596.	2.0	27
432	Diastereoselectivity of conjugate addition to Î³-alkyl-Î±,Î²-unsaturated esters; stereocontrol with the aid of organocopper reagents. Journal of the Chemical Society Chemical Communications, 1987, , 1572-1573.	2.0	27

#	Article	IF	Citations
433	Rearrangement approaches to cyclic skeletons. 6. Total synthesis of (.+-.)-ptilocaulin on the basis of formal bridgehead substitution and photochemical [1,3] acyl migration of a bicyclo[3.2.2]non-6-en-2-one system. Journal of Organic Chemistry, 1988, 53, 3669-3673.	3.2	27
434	Cyclisation of Î±,Î²,Î³,Ï‰-unsaturated dioic acid esters via tandem conjugate additions by using lithium N-benzyltrimethylsilylamide (LSA) as a nitrogen nucleophile and its application to a total synthesis of (Â±)-dihydronepetalactone and (Â±)-isodihydronepetalactone. Journal of the Chemical Society Chemical Communications, 1989, , 113-114.	2.0	27
435	Synthesis of carboranes containing nucleoside bases. Heteroatom Chemistry, 1992, 3, 239-244.	0.7	27
436	Palladium-Catalyzedcross-Benzannulation of Aminoenynes with Diynes. Highly Regioselective Synthesis of Polysubstituted Anilines. Journal of Organic Chemistry, 2000, 65, 4338-4341.	3.2	27
437	Palladium-Catalyzed Dimerization of Conjugated Diynes:Â Synthesis of (E)-1,2-Divinyldiethynylethenes Having Donor and Acceptor Chromophores at the Terminus of Alkyne. Journal of Organic Chemistry, 2006, 71, 1152-1155.	3.2	27
438	Structureâ€“property relationship of different electron donors: novel organic sensitizers based on fused dithienothiophene Ï€-conjugated linker for high efficiency dye-sensitized solar cells. Tetrahedron, 2013, 69, 3444-3450.	1.9	27
439	Visible-Light-Promoted Iron-Catalyzed N-Arylation of Dioxazolones with Arylboronic Acids. ACS Catalysis, 2021, 11, 13955-13961.	11.2	27
440	9-BBN [9-borabicyclo[3.3.1]nonane] ate complexes as a new type of reducing agent for the selective reduction of tertiary alkyl, benzyl, and allyl halides to hydrocarbons. Journal of the American Chemical Society, 1975, 97, 2558-2559.	13.7	26
441	Stereoselective synthesis of 1,4-dienes and mono-olefins by methylcopper-induced cross-coupling of dialkenylchloroboranes with organic halides. Journal of the Chemical Society Chemical Communications, 1976, , 452.	2.0	26
442	Protonolysis of alkenylboranes under neutral condition by treatment with catalytic amounts of palladium diacetate. Journal of the Chemical Society Chemical Communications, 1978, , 702.	2.0	26
443	The titanium tetrachloride-mediated alkynylation and allylation of a steroidal aldehyde via stannylacetylenes and allylstannanes with high cram selectivity. Journal of the Chemical Society Chemical Communications, 1986, , 102.	2.0	26
444	Stereoselective Î±-alkylation of Î±,Î²-unsaturated esters utilizing conjugate addition of nitrogen nucleophiles (R2NLi). Journal of the Chemical Society Chemical Communications, 1987, , 1410-1411.	2.0	26
445	Anti-Cram selective reduction of acyclic ketones via electron transfer initiated processes. Journal of the American Chemical Society, 1988, 110, 4475-4476.	13.7	26
446	Cleavage of esters under nearly neutral conditions at high pressure. Chemo- and regioselective hydrolysis in organic solvents. Journal of Organic Chemistry, 1991, 56, 5737-5738.	3.2	26
447	An improved and practical method for the synthesis of optically active diethyl tartrate dibenzyl ether. Journal of Organic Chemistry, 1991, 56, 1321-1322.	3.2	26
448	A simple synthesis of Î©[(E)CHî—»CH]gly dipeptide isosteres via reductive elimination of Î³-oxygenated Î±,Î²-enoates with alkenylcopper reagents. Tetrahedron Letters, 1991, 32, 4969-4972.	1.4	26
449	Stereocontrolled synthesis of the hemibrevetoxin ring system via an allylic tin method. Journal of the Chemical Society Chemical Communications, 1993, , 1638.	2.0	26
450	Bu4NF-Acid combination as a novel class of mild and selective deprotecting reagents for enol ethers. Tetrahedron Letters, 1995, 36, 7765-7766.	1.4	26

#	Article	IF	Citations
451	The synthesis of a carborane gadolinium-DTPA complex for boron neutron capture therapy. Journal of Organometallic Chemistry, 1999, 581, 170-175.	1.8	26
452	Triflic Acid Mediated Cascade Cyclization of Aryldiynes for the Synthesis of Indeno[1,2â€c]chromenes: Application to Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2015, 21, 4065-4070.	3.3	26
453	Manganeseâ€Catalyzed Câ^'H Cyanation of Arenes with Nâ€Cyanoâ€Nâ€(4â€methoxy)phenylâ€pâ€toluenesulfonamide. Asian Journal of Organic Chemistry, 2018, 7, 550-553.	2.7	26
454	Highly stereodivergent generation of the Z- and E-enolates of a Î²-amino ester via conjugate addition to methyl crotonate by using lithium N-benzyltrimethylsilylamide as a nitrogen nucleophile, and application to stereoselective aldol reactions. Journal of the Chemical Society Chemical Communications, 1989, , 753-754.	2.0	25
455	SN2â€² selective alkylation of allylic chlorides and mesylates with RZnX reagents generated from Grignard reagents, zinc chloride, lithium chloride, and Cu(II)-salts. Tetrahedron Letters, 1993, 34, 4227-4230.	1.4	25
456	Synthesis of allenes via palladium catalysed addition of certain activated methynes to conjugated enzynes. Chemical Communications, 1996, , 17.	4.1	25
457	Palladium-catalyzed cyanoallylation of activated olefins. Tetrahedron Letters, 2000, 41, 2911-2914.	1.4	25
458	Concise synthesis of cyclic ethers via the palladium-catalyzed coupling of ketene acetal triflates and a zinc homoenolate. Synthesis of the DE and GH ring segments of gambierol. Tetrahedron Letters, 2001, 42, 4729-4731.	1.4	25
459	Lewis acid-mediated intramolecular addition of silyl enol ethers to internal unactivated alkynes. Canadian Journal of Chemistry, 2001, 79, 1624-1631.	1.1	25
460	Addition of water to arylidenecyclopropanes: a highly efficient method for the preparation of gem-aryl disubstituted homoallylic alcohols. Tetrahedron Letters, 2003, 44, 4547-4550.	1.4	25
461	Synthesis of 1,2,3,4-tetrasubstituted pyrrole derivatives via the palladium-catalyzed reaction of 1,3-diketones with methyleneaziridines. Tetrahedron Letters, 2007, 48, 2267-2270.	1.4	25
462	FeCl₃â€Mediated Oxidative Spirocyclization of Difluorenylidene Diarylethanes Leading to Dispiro[fluoreneâ€9,5â€²â€indeno[2,1â€a]indeneâ€10â€²,9â€²â€²â€fluorene]s. Angewandte Chemie - International Edition, 2016, 55, 259-263.	13.8	25
463	The opposite diastereoselectivity in the alkylation and protonation of enolates. Journal of the Chemical Society Chemical Communications, 1984, , 904.	2.0	24
464	Organometallic high pressure reaction. 5. A new procedure for the synthesis of .alpha.-silylated esters and lactones. Migration of silicon from oxygen to carbon at high pressure. Organometallics, 1984, 3, 1583-1585.	2.3	24
465	Carbonâ€“carbon bond formation at the Î³-position of dienolates via the palladium catalysed coupling of the tin masked dienolates. Journal of the Chemical Society Chemical Communications, 1988, .	2.0	24
466	Heteroatom-stabilized Allylic Anions. , 1991, , 55-79.		24
467	Synthesis of a water-soluble o-carbaborane bearing a uracil moiety via a palladium-catalysed reaction under essentially neutral conditions. Journal of the Chemical Society Chemical Communications, 1994, , 577.	2.0	24
468	A Concise and Stereospecific One-Shot Synthesis of Bicyclo[3.3.1]nonenols from Dimethyl 1,3-Acetonedicarboxylate and Enals via the Sequential Michael Additionâ^'Intramolecular Aldolization. Journal of Organic Chemistry, 1999, 64, 4148-4151.	3.2	24

#	Article	IF	Citations
469	Stereochemical Control by an Ester Group or Olefin Ligand in Platinumâ€Catalyzed Carboalkoxylation of 6â€(1â€Alkoxyethoxy)â€•hexâ€2â€ynoates. Advanced Synthesis and Catalysis, 2009, 351, 1089-1100.	4.3	24
470	Synthesis of 2,3-dihydro-1H-inden-1-one derivatives via Ni-catalyzed intramolecular hydroacylation. Tetrahedron, 2012, 68, 5223-5228.	1.9	24
471	Perspectives on organic synthesis using nanoporous metal skeleton catalysts. Tetrahedron, 2014, 70, 2305-2317.	1.9	24
472	Professor Yoshinori Yamamoto. Tetrahedron, 2014, 70, 6037.	1.9	24
473	Palladiumâ€Catalyzed Regioselective Allylation of Chloromethyl(hetero)arenes with Allyl Pinacolborate. Advanced Synthesis and Catalysis, 2017, 359, 2723-2728.	4.3	24
474	Palladium catalyzed addition of carbon pronucleophiles to conjugated enynes. Tetrahedron, 1997, 53, 9097-9106.	1.9	23
475	A simple and practical method for the stereoselective synthesis of (Z)-1-iodo-1-alkenes from 1,1-diiodo-1-alkenes. Tetrahedron Letters, 2003, 44, 8645-8647.	1.4	23
476	Transmission of 9$,imes,$138 Gb/s Prefiltered PM-8QAM Signals Over 4000 km of Pure Silica-Core Fiber. Journal of Lightwave Technology, 2011, 29, 2310-2318.	4.6	23
477	Selective synthesis of Î´-lactone via palladium nanoparticles-catalyzed telomerization of CO2 with 1,3-butadiene. Tetrahedron Letters, 2016, 57, 3163-3166.	1.4	23
478	New stereoselective synthesis of 20S and 20R steroidal side chains. Remarkable stereoselectivity differences between saturated and .alpha.,.beta.-unsaturated steroidal esters. Journal of Organic Chemistry, 1988, 53, 3947-3952.	3.2	22
479	Synthesis of Î²-Alkoxycyclic Ethers from ï‰-Organometallic Ether Acetals. Stereocontrol with the Combined Lewis Acid System, Titanium(IV) Chloride-Triphenylphosphine. Synlett, 1991, 1991, 823-824.	1.8	22
480	1-Carboranyl-3-(2-methylaziridino)-2-propanol. Synthesis, selective uptake by B-16 melanoma, and selective cytotoxicity toward cancer cells. Journal of Medicinal Chemistry, 1993, 36, 2232-2234.	6.4	22
481	A one-pot aza-Payne rearrangement-epoxide ring opening reaction of 2-aziridinemethanols: A regio- and stereoselective synthetic route to diastereomerically pure 1,2-amino alcohols. Tetrahedron Letters, 1995, 36, 6247-6250.	1.4	22
482	Tunneling Desorption of Single Hydrogen on the Surface of Titanium Dioxide. ACS Nano, 2015, 9, 6837-6842.	14.6	22
483	Highly chemoselective reduction of imines using a AuNPore/PhMe 2 SiH/water system and its application to reductive amination. Tetrahedron, 2015, 71, 7154-7158.	1.9	22
484	Nanoporous Gold-Catalyzed Diboration of Methylenecyclopropanes via a Distal Bond Cleavage. ACS Catalysis, 2018, 8, 5901-5906.	11.2	22
485	Benzyl Palladium Intermediates: Unique and Versatile Reactive Intermediates for Aromatic Functionalization. Advanced Synthesis and Catalysis, 2021, 363, 587-601.	4.3	22
486	Stereocontrol using a heterosubstituted allylic carbanion. Regio- and stereo-selective reactions of trimethylsilyl allylic carbanions with aldehydes. Journal of the Chemical Society Chemical Communications, 1982, , 1326b.	2.0	21

#	Article	IF	Citations
487	A chemical scale for electron-transfer ability of methylcopper reagents. Journal of the Chemical Society Chemical Communications, 1994, , 2003.	2.0	21
488	Tetrabutylammonium Fluoride Promoted Regiospecific Reactions of Trimethylsilyl-o-Carborane with Aldehydes. Chemistry Letters, 1996, 25, 791-792.	1.3	21
489	Inter- and intramolecular palladium-catalyzed hydrocarbonation of methylenecyclopropanes with carbon pronucleophiles. Tetrahedron, 1999, 55, 8833-8844.	1.9	21
490	Synthetic utility of o-carborane: novel protective group for aldehydes and ketones. Journal of Organometallic Chemistry, 1999, 574, 107-115.	1.8	21
491	Diastereo- and Enantioselective Synthesis of Î²-Amino Cyclic Ethers via the Intramolecular Reaction of Î³-Alkoxyallylstannane with Imine. Journal of Organic Chemistry, 1999, 64, 4901-4908.	3.2	21
492	Synthetic studies towards gambierol. Part 1: Synthesis of the AB ring segment. Tetrahedron Letters, 2001, 42, 6195-6197.	1.4	21
493	Convergent synthesis of the FGHI ring segment of yessotoxin. Tetrahedron Letters, 2006, 47, 89-92.	1.4	21
494	Convergent synthesis of the Aâ€“E ring segment of ciguatoxin CTX3C. Tetrahedron, 2009, 65, 7784-7789.	1.9	21
495	Applications of Metal Nanopore Catalysts in Organic Synthesis. Synlett, 2015, 26, 2355-2380.	1.8	21
496	Rearrangement of .alpha.-bromoethyldiethylborane induced by nucleophilic reagents. Unusually facile rearrangement applicable to the synthesis of carbon structures. Journal of the American Chemical Society, 1971, 93, 2796-2798.	13.7	20
497	Diastereoselective reactions of pyruvates with but-2-enyl organometallic compounds. Stereocontrol at the tertiary carbon centre. Journal of the Chemical Society Chemical Communications, 1983, , 191.	2.0	20
498	Selective synthesis of either branched or linear homoallyl alcohols via the reaction of aldehydes with the allylic borane-selenium system. Journal of Organic Chemistry, 1983, 48, 5408-5409.	3.2	20
499	Do the organocopper conjugate additions to .alpha.,.beta.-unsaturated esters proceed in a 1,4- or 1,2-fashion?. Journal of the American Chemical Society, 1987, 109, 5820-5822.	13.7	20
500	Ready coupling of acid chlorides with tetra-alkyl-lead derivatives catalysed by palladium. Journal of the Chemical Society Chemical Communications, 1987, , 1302.	2.0	20
501	The first alkylation of o-carboranes under essentially neutral conditions. Application to the synthesis of boron-10 carriers. Journal of Organic Chemistry, 1990, 55, 6065-6066.	3.2	20
502	Stereocontrol of three contiguous chiral centers of brassinosteroid side chain by using .alpha.-alkoxy organoleads. Journal of Organic Chemistry, 1992, 57, 2981-2982.	3.2	20
503	A new synthetic method of all carboxylate-free DTPA derivatives and its application to the synthesis of Gd-carborane complex. Tetrahedron Letters, 1996, 37, 539-542.	1.4	20
504	In Vivo Evaluation of Carborane Gadolinium-DTPA Complex as an MR Imaging Boron Carrier.. Chemical and Pharmaceutical Bulletin, 2000, 48, 1034-1038.	1.3	20

#	Article	IF	Citations
505	1,2-Asymmetric Induction in the Conjugate Addition of Organocopper Reagents to Î³-Aryl Î±,Î²-Unsaturated Carbonyl Derivatives. Tetrahedron, 2000, 56, 2821-2831.	1.9	20
506	Enhanced Reactivity of Electron-Deficient Enynes in the Palladium-Catalyzedhomo-Benzannulation of Conjugated Enynes. Journal of Organic Chemistry, 2000, 65, 5350-5354.	3.2	20
507	A New Pd0ï¿½ï¿½ï¿½CuIBimetallic Catalyst for the Synthesis of Indoles from Isocyanates and Allyl Carbonates. Angewandte Chemie, 2002, 114, 3364-3367.	2.0	20
508	â€˜Me2CuLiÂ·TMSCl in CH2Cl2â€™. The most powerful methylating agent for sterically congested Î±,Î²-enoates. Tetrahedron Letters, 2003, 44, 4265-4266.	1.4	20
509	Total synthesis of brevenal. Tetrahedron, 2010, 66, 5329-5344.	1.9	20
510	Palladium-Catalyzed sp²â€“sp³ Coupling of Chloromethylarenes with Allyltrimethoxysilane: Synthesis of Allyl Arenes. Journal of Organic Chemistry, 2017, 82, 5974-5980.	3.2	20
511	Rhodium(<scp>iii</scp>)-catalyzed aromatic Câ€“H cyanation with dimethylmalononitrile as a cyanating agent. Chemical Communications, 2019, 55, 1209-1212.	4.1	20
512	The threo-selective reaction of allenic organometallic compounds with imines. Journal of the Chemical Society Chemical Communications, 1984, , 1004.	2.0	19
513	Regioselective synthesis of either Î±- or Î³- amino acid derivatives via Li, Sn-masked, and/or Ge-masked dienolates. Tetrahedron Letters, 1989, 30, 3445-3448.	1.4	19
514	A regio-, (E)-stereo-, and chemo-selective synthesis of unsymmetrical divinylmethanols starting from L- and D-tartrates via organocyanocopper Lewis acid mediated 1,3-chirality transfer. Journal of the Chemical Society Chemical Communications, 1989, , 967.	2.0	19
515	New Aspects of Organocopper Reagents: 1,3- and 1,2-Chiral Induction and Reaction Mechanism. Synlett, 1992, 1992, 769-777.	1.8	19
516	Intramolecular reaction of oxo-substituted allenyl- and propargylstannane with aldehyde. Tetrahedron Letters, 1996, 37, 3059-3062.	1.4	19
517	A Chemical Scale for Evaluating the Electron Transfer Ability of Alkylcopper Reagents. Bulletin of the Chemical Society of Japan, 1997, 70, 1953-1959.	3.2	19
518	Palladium-catalyzed reductive ring opening with formic acid of aziridines bearing an Î±,Î²-unsaturated ester group. Tetrahedron, 1997, 53, 12933-12946.	1.9	19
519	Total synthesis of (+)-desoxoprosopinine via the intramolecular reaction of Î³-aminoallylstannane. Tetrahedron Letters, 1997, 38, 7469-7470.	1.4	19
520	Tetrazole synthesis via the palladium-catalyzed three component coupling reaction. Molecular Diversity, 2000, 6, 181-192.	3.9	19
521	Palladium-catalyzed hydrocarbonation of methyleneaziridines with carbon pronucleophiles. Tetrahedron Letters, 2002, 43, 9625-9628.	1.4	19
522	Synthesis of 3-Methylenepyrrolidines by Palladium-catalyzed [3+2] Cycloaddition of Alkylidenecyclopropanes with Imines. Heterocycles, 2003, 61, 247.	0.7	19

#	Article	IF	Citations
523	Î²-Alkyl-Î±-allylation of Michael Acceptors through the Palladium-Catalyzed Three-Component Coupling between Allylic Substrates, Trialkylboranes, and Activated Olefins. Journal of Organic Chemistry, 2006, 71, 2503-2506.	3.2	19
524	Mechanism and Chemoselectivity of the Pd(II)-Catalyzed Allylation of Aldehydes:Â A Density Functional Theory Study. Journal of Organic Chemistry, 2007, 72, 861-869.	3.2	19
525	Synthesis of 1,3,5-Trisubstituted Pyrazoles by the Cope-Type Hydroamination of 1,3-Dialkynes with Alkylhydrazines. Synthesis, 2014, 46, 2422-2429.	2.3	19
526	A Strategy for Amide Câ€“N Bond Activation with Ruthenium Catalyst: Selective Aromatic Acylation. Organic Letters, 2021, 23, 2521-2526.	4.6	19
527	Reaction of Organoboranes with Lithium Aldimines. A New Procedure for the Synthesis of Unsymmetrical Ketones. Bulletin of the Chemical Society of Japan, 1975, 48, 3682-3685.	3.2	18
528	Reaction of organoboranes with lithium aldimines. New approach for the synthesis of partially mixed trialkylcarbinols. Journal of Organic Chemistry, 1975, 40, 3644-3646.	3.2	18
529	Direct alkylation of allylic alcohols with allylic rearrangement using a new alkylating reagent, RCu: BF3. Journal of Organometallic Chemistry, 1978, 156, C9-C11.	1.8	18
530	Synthesis of Disubstituted Benzoquinones by the Photochemical Reaction of Acetylenes with Fe(CO)5. Bulletin of the Chemical Society of Japan, 1979, 52, 1877-1878.	3.2	18
531	A multistep rearrangement from 2,2-disubstituted-1,3-cyclohexanediones to 3-substituted 2-cyclohexenones via phosphonate anions and its application to a formal synthesis of (.+-.)-.alpha.-acoradiene. Journal of Organic Chemistry, 1990, 55, 3971-3972.	3.2	18
532	Asymmetric synthesis of the Î²-lactam framework via a three-component coupling reaction. Journal of the Chemical Society Chemical Communications, 1993, , 1660-1662.	2.0	18
533	An unusual thermodynamic preference of chiral N-arylsulfonyl cis-3-alkyl-2-vinylaziridines over their trans-isomers: palladium(0)-catalysed equilibration reactions. Chemical Communications, 1996, , 351.	4.1	18
534	Asymmetric synthesis of Î²-amino cyclic ethers via the intramolecular reaction of Î³-alkoxyallylstannane with chiral imine. Tetrahedron Letters, 1998, 39, 1791-1794.	1.4	18
535	Platinum(0)â^'Enyne Complexes:â€‰ The Platinum Analogue of an Intermediate in the Palladium(0)-Catalyzed Benzannulation of Conjugated Enynes. Organometallics, 2000, 19, 3740-3743.	2.3	18
536	Catalytic and highly regiospecific carbonâ€“carbon bond formation at Î±-position of Michael acceptor by palladium complex. Chemical Communications, 2002, , 852-853.	4.1	18
537	Thermally Induced [2+2] Cycloadditions of (Benzyloxymethylene)cyclopropane with Alkylidenemalononitriles. European Journal of Organic Chemistry, 2007, 2007, 4479-4482.	2.4	18
538	Palladium Catalyzed 1,8-Conjugate Addition to Heptafulvene via Bis-Ï€-allyl Palladium Complexes. Organic Letters, 2011, 13, 4984-4987.	4.6	18
539	Thieno[2,3-a]carbazole-based donorâ€“Ï€â€“acceptor organic dyes for efficient dye-sensitized solar cells. Tetrahedron, 2014, 70, 6211-6216.	1.9	18
540	HIGHLY EFFICIENT VALENCE ISOMERIZATION BETWEEN NORBORNADIENE AND QUADRICYCLANE DERIVATIVES UNDER SUNLIGHT. Chemistry Letters, 1981, 10, 839-842.	1.3	17

#	Article	IF	Citations
541	Threo-selective aldol condensations of lithium enolates in the presence of trialkylboranes. Tetrahedron Letters, 1982, 23, 2387-2390.	1.4	17
542	Differences in the reaction of electron deficient olefins with organocopper(I)-Lewis acid reagents and evidence for a dianionic equivalent. Journal of Organometallic Chemistry, 1985, 287, c18-c22.	1.8	17
543	Reduction-alkylation with organocopper(I) reagents-alkyl halides : Highly regioselective .ALPHA.-alkylation of .GAMMA.-acetoxy-.ALPHA.,.BETA.-enoates with lithium dibutylcuprate-alkyl halides and difference in the reactivity of electron-deficient olefins with organocopper(I)-Lewis acid reagents.. Chemical and Pharmaceutical Bulletin, 1986, 34, 2417-2427.	1.3	17
544	Diastereo- and regio-selective aldol condensation by trapping dienolates with tin. Journal of the Chemical Society Chemical Communications, 1987, , 561.	2.0	17
545	Carbonâ€“carbon bond formation at the Î³-position of dienolates via the germanium masked dienolates. Journal of the Chemical Society Chemical Communications, 1988, , 1639-1640.	2.0	17
546	Regiocontrolled conjugate addition of germanium-masked dienolates to michael acceptors. Tetrahedron Letters, 1991, 32, 4749-4752.	1.4	17
547	Palladium catalysed addition of 1-carboranyltributyltin to aldehydes. Journal of the Chemical Society Chemical Communications, 1994, , 2581.	2.0	17
548	Relative Stabilities of Some Synthetically Useful 2,3-cis-Disubstituted Aziridines and Their 2,3-Trans Isomers. Journal of Organic Chemistry, 2002, 67, 5796-5801.	3.2	17
549	OSNR-Enhancing Pure-Silica-Core Fiber with Large Effective Area and Low Attenuation. , 2010, , .		17
550	Efficient palladium-catalyzed cyanation of aryl/heteroaryl bromides with K4[Fe(CN)6] in t-BuOHâ€“H2O using tris(2-morpholinophenyl)phosphine as a ligand. RSC Advances, 2013, 3, 20379.	3.6	17
551	Direct Carbohydroxylation of Arylalkenes with Allylic Alcohols: Cooperative Catalysis of Copper, Silver, and a BrÃ¸nsted Acid. Angewandte Chemie - International Edition, 2019, 58, 2495-2499.	13.8	17
552	Novel reaction of ethyl diazoacetate with Ï€-allylnickel bromide. Challenge, 1969, .	0.4	16
553	A conformationally rigid acyclic molecule. Journal of the American Chemical Society, 1990, 112, 8598-8599.	13.7	16
554	Palladium catalysed addition of masked formyl cyanides ROCH(CN)2 to aldehydes. Journal of the Chemical Society Chemical Communications, 1994, , 1665.	2.0	16
555	A thermodynamic preference of chiral cis-Î³,Î´-epimino-(E)-Î±,Î²-unsaturated esters over other stereoisomers: Synthetically useful Pd(0)-catalyzed equilibrated reactions of aziridines bearing an Î±,Î²-unsaturated ester group. Tetrahedron Letters, 1996, 37, 2849-2852.	1.4	16
556	Synthesis and in Vitro Evaluation of 5-closo- and 5-nido-Orthocarboranyluridines as Boron Carriers. Bulletin of the Chemical Society of Japan, 1997, 70, 3103-3110.	3.2	16
557	A Novel[3+2] Annelation betweenortho-Carboranyltrimethylsilane and Conjugated Carbonyl Compounds. Angewandte Chemie International Edition in English, 1997, 36, 367-369.	4.4	16
558	HI-Mediated Cyclization ofo-Alkynylstyrenes. Chemistry Letters, 2000, 29, 722-723.	1.3	16

#	Article	IF	Citations
559	Nucleophilic Allylation-HeterocyclizationviaBis-Ï€-allylpalladium Complexes: Synthesis of Five- and Six-Membered Heterocycles. Chemistry Letters, 2002, 31, 158-159.	1.3	16
560	Carboxylative coupling reaction of five-membered (chloromethyl)heteroarenes with allyltributylstannane catalyzed by palladium nanoparticles. Tetrahedron Letters, 2015, 56, 6747-6750.	1.4	16
561	Biphenyl end-capped bithiazole co-oligomers for high performance organic thin film field effect transistors. Chemical Communications, 2016, 52, 4926-4929.	4.1	16
562	Transition-Metal-Free Decarboxylative Arylation of 2-Picolinic Acids with Arenes under Air Conditions. Organic Letters, 2018, 20, 7095-7099.	4.6	16
563	Pd-Catalyzed cascade cyclization of o-alkynylanilines via Câ€“H/Câ€“N bond cleavage leading to dibenzo[a,c]carbazoles. Organic and Biomolecular Chemistry, 2018, 16, 5236-5240.	2.8	16
564	PHOTOISOMERIZATION OF NORBORNADIENE TO QUADRICYCLANE IN THE PRESENCE OF COPPER(I)-NITROGEN LIGAND CATALYSTS. Chemistry Letters, 1980, 9, 1259-1262.	1.3	15
565	The threo-selective reaction of but-2-enyl organometallic compounds with ethylidenemalonates and related compounds. Journal of the Chemical Society Chemical Communications, 1985, , 386.	2.0	15
566	Synergistic effect of multichiral centres. Chelation control vs. acetal template in 1,3-asymmetric induction. Journal of the Chemical Society Chemical Communications, 1987, , 1218.	2.0	15
567	The first synthesis of (Â±)-3Î±-acetoxy-15Î²-hydroxy-7,16-seco-trinervita-7,11-diene, defense substance from a termite soldier. Tetrahedron Letters, 1987, 28, 1439-1442.	1.4	15
568	Novel route to the synthesis of hydroxylated piperidine and pyrrolidine derivatives via the intramolecular reaction of Î³-aminoallylstannane with aldehyde. Tetrahedron Letters, 1996, 37, 2109-2112.	1.4	15
569	Synthetic studies towards gambierol. Part 2: Synthesis of the EFGH ring segment. Tetrahedron Letters, 2001, 42, 6199-6202.	1.4	15
570	Synthesis of (E)-1,2-Divinyl-1,2-diethynylethene (DVDEE) via the Palladium-Catalyzed Reaction of Conjugated Diynes. A New Building Block for Molecular Scaffolding. Journal of the American Chemical Society, 2002, 124, 924-925.	13.7	15
571	Benzannulation from Alkyne without Metallic Catalysts at Room Temperature to 100 Â°C. Organic Letters, 2010, 12, 388-390.	4.6	15
572	Carbonylative Stille coupling reactions of benzyl chlorides with allyltributylstannane catalyzed by palladium nanoparticles. Tetrahedron, 2014, 70, 7166-7171.	1.9	15
573	Enhancement of threo-selectivity in the reaction of but-2-enyl-lithium with aldehydes via allylic boronate complexes. Journal of the Chemical Society Chemical Communications, 1980, , 1072.	2.0	14
574	RhCl3-catalysed amide bond formation under mild conditions. Journal of the Chemical Society Chemical Communications, 1980, , 835.	2.0	14
575	Remote chirality control in 1,2-asymmetric induction: a remarkable difference between the meso- and (Â±)-isomers of dimethylglutaric hemialdehyde. Journal of the Chemical Society Chemical Communications, 1985, , 1429-1431.	2.0	14
576	Total synthesis of (Â±)-nakafuran-8, a marine metabolite with antifeedant properties, based on formal bridgehead substitution of a bicyclo[2.2.2]oct-5-en-2-one system. Journal of the Chemical Society Chemical Communications, 1989, , 1841-1842.	2.0	14

#	Article	IF	Citations
577	Triethylgallium Mediated Lactamization of Î±,Ï‰-Amino Carboxylic Acids. Chemistry Letters, 1989, 18, 797-800.	1.3	14
578	Enantiodivergent synthesis of steroidal side chains. Stereocontrol via SN1 vs. SN2 type cleavage of acetal templates. Journal of the Chemical Society Perkin Transactions 1, 1991, , 3253.	0.9	14
579	â€œHigher orderâ€•zinc cuprates involving lithium chloride: Synthesis of (E)-alkene dipeptide isosteres free from reductive elimination products. Tetrahedron Letters, 1992, 33, 3783-3786.	1.4	14
580	Remarkable difference in reactivity of ordinary vinylcopper reagents and vinylzinc halide containing a copper salt towards Î³-mesyloxy-Î±, Î²-enoates. Synthesis of homochiral 1,4-dienes. Tetrahedron, 1993, 49, 9479-9488.	1.9	14
581	Highly stereocontrolled and concise asymmetric synthesis of the Î²-Lactam framework via a TCC method. Tetrahedron Letters, 1994, 35, 8425-8428.	1.4	14
582	Facile reaction of o-carboranyllithium reagents with functionalized alkyl halides. Tetrahedron Letters, 1996, 37, 3383-3386.	1.4	14
583	Synthesis and biological properties of carboranylaziridines bearing cascade polyols. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 9-12.	2.2	14
584	Lewis acid promoted highly diastereoselective desymmetric intramolecular cyclization of allylstannane with a diketone. Tetrahedron Letters, 1998, 39, 471-474.	1.4	14
585	Ïƒâ€“Ï€ Chelation-controlled chemoselective ring openings of epoxides. Tetrahedron Letters, 2001, 42, 7903-7905.	1.4	14
586	Improved Synthesis of the Aâ“G Ring Segment of Brevetoxin B. Journal of Organic Chemistry, 2006, 71, 4183-4187.	3.2	14
587	Palladium-Catalyzed Cascade Reactions of Highly Activated Olefins. Synlett, 2007, 2007, 1994-2005.	1.8	14
588	Palladium catalyzed three component coupling reaction between chromones, alcohols, and allylic acetates: diversity-oriented synthesis of highly substituted chromones. Tetrahedron, 2007, 63, 5954-5961.	1.9	14
589	NBS-promoted oxidation of fullerene monoradicals leading to regioselective 1,4-difunctional fullerenes. Chemical Communications, 2014, 50, 15730-15732.	4.1	14
590	Regiocontrolled head-to-tail coupling of alkylthioallyl carbanions with allylic halides via lithium alkylthioallyl borates. Journal of the Chemical Society Chemical Communications, 1979, , 157.	2.0	13
591	Rearrangement approaches to cyclic skeletons. V.. Tetrahedron, 1987, 43, 5605-5620.	1.9	13
592	Copper azide as a new reagent for syn-SN2 displacement of .gamma.-sulfonyloxy-.alpha.,.beta.-unsaturated esters. Journal of Organic Chemistry, 1990, 55, 5303-5304.	3.2	13
593	Asymmetric Synthesis of aÎ²-Lactam Framework via the Conjugate Addition of Amidocuprates(I) to Chiral Enoates. Bulletin of the Chemical Society of Japan, 1995, 68, 2103-2111.	3.2	13
594	Palladium(0)-Catalyzed Cross-Benzannulation between Conjugated Enynes. Reactivity-Controlled Synthesis of Multifunctionalized Benzenes. Organic Letters, 2000, 2, 3853-3855.	4.6	13

#	Article	IF	Citations
595	Synthesis and biological evaluation of benzamides and benzamidines: structural requirement of a pyrimidine ring for inhibition of EGFR tyrosine kinase. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2299-2302.	2.2	13
596	Solvent-Controlled Stereoselective Formation of a Cyclic Ether in the Lewis Acid-Mediated Allylation of an Î±-Chloroacetoxy Acyclic Ether. Very High Stereoselectivity in CH3CN vs Low Stereoselectivity in CH2Cl2. Journal of Organic Chemistry, 2007, 72, 8371-8375.	3.2	13
597	A convergent approach to the formal total synthesis of hemibrevetoxin B. Tetrahedron Letters, 2007, 48, 219-221.	1.4	13
598	A cross-metathesis approach to the stereocontrolled synthesis of the AB ring segment of ciguatoxin. Tetrahedron Letters, 2008, 49, 3643-3647.	1.4	13
599	Silver-Catalyzed Synthesis of 1,2-Dihydroisoquinolines through Direct Addition of Carbon Pronucleophiles to ortho-Alkynylaryl Aldimines. Heterocycles, 2008, 76, 471.	0.7	13
600	Synthesis of allylated quinolines/isoquinolines via palladium-catalyzed cyclizationâ€“allylation of azides and allyl methyl carbonate. Organic and Biomolecular Chemistry, 2015, 13, 3227-3235.	2.8	13
601	Thieno[2,3,a]carbazole donor-based organic dyes for high efficiency dye-sensitized solar cells. Organic Chemistry Frontiers, 2015, 2, 253-258.	4.5	13
602	Copper(II)â€Catalyzed and Chelationâ€Induced Remote Câ€H Halogenation of Quinolines under Neutral Conditions. ChemistrySelect, 2017, 2, 3414-3418.	1.5	13
603	REGIOSELECTIVE CARBON-CARBON BOND FORMATION AT THE Î±-POSITION OF A SULFUR STABILIZED ALLYL CARBANION VIA AN ALKYLTHIOALLYLBORON â€œATEâ€•COMPLEX. Chemistry Letters, 1979, 8, 385-386.	1.3	12
604	Aldol condensation via germanium enolates. Stereoselection dictated by the co-presence of lithium halides. Journal of the Chemical Society Chemical Communications, 1988, , 802.	2.0	12
605	A New Water-soluble p-Boronophenylalanine Derivative for Neutron Capture Therapy. Chemistry Letters, 1993, 22, 465-468.	1.3	12
606	Title is missing!. Angewandte Chemie, 2002, 114, 4504-4507.	2.0	12
607	Gold-Catalyzed Intermolecular Hydroamination of Allenes: First Example of the Use of an Aliphatic Amine in Hydroamination. Synlett, 2007, 2007, 1767-1770.	1.8	12
608	Palladiumâ€Catalyzed Bisâ€Functionalization of Isatylidenes: A Facile Route towards Spiroâ€Indolâ€2â€•ones. European Journal of Organic Chemistry, 2010, 2010, 5489-5497.	2.4	12
609	Deuterium Isotope Effect on Bulk Heterojunction Solar Cells. Enhancement of Organic Photovoltaic Performances Using Monobenzyl Substituted Deuteriofullerene Acceptors. Organic Letters, 2013, 15, 5674-5677.	4.6	12
610	Functional 2-benzyl-1,2-dihydro[60]fullerenes as acceptors for organic photovoltaics: facile synthesis and high photovoltaic performances. Tetrahedron, 2013, 69, 1302-1306.	1.9	12
611	Comparative Study of Single and Dual Gain-Narrowed Emission in Thiophene/Furan/Phenylene Co-Oligomer Single Crystals. Journal of Physical Chemistry C, 2017, 121, 2364-2368.	3.1	12
612	Synthesis of 5H-Dibenzo[c,e]azepine-5,7(6H)-diones from Benzamides via Palladium-Catalyzed Double Câ€“H Bond Activation. Journal of Organic Chemistry, 2017, 82, 2288-2293.	3.2	12

#	Article	IF	Citations
613	Stereoselective Synthesis of Vinyl Iodides through Copper(I)-Catalyzed Finkelstein-Type Halide-Exchange Reaction. Synthesis, 2017, 49, 2727-2732.	2.3	12
614	Unsupported Nanoporous Goldâ€Catalyzed Chemoselective Reduction of Î±,Î²â€Unsaturated Aldehydes Using Formic Acid as Hydrogen Source. Asian Journal of Organic Chemistry, 2017, 6, 867-872.	2.7	12
615	[3 + 2] Cycloaddition of Î±-Aryl-Î±-diazoacetates with Terminal Alkynes via the Cooperative Catalysis of Palladium and Acid. ACS Catalysis, 2021, 11, 10789-10795.	11.2	12
616	A rapid rearrangement of Î±-bromoethylborane induced by electrophilic reagents. Journal of the Chemical Society Chemical Communications, 1972, , 71-72.	2.0	11
617	A new approach for the synthesis of partially mixed trialkylcarbinols via the reaction of dialkylchloroboranes with lithium aldimines. Tetrahedron Letters, 1975, 16, 2689-2692.	1.4	11
618	Reaction of Bis(trans-1-hexenyl)methylborane with Two Molar Equivalents of Methylcopper(I). Evidence for the Presence oftrans-1-Hexenylcopper(I) as an Intermediate. Bulletin of the Chemical Society of Japan, 1977, 50, 3427-3428.	3.2	11
619	Determination of absolute configuration of the alkyl group at the Î±-position in the acyclic Î±-alkyl-(E)-Î²,Î³-enoates by circular dichroism. Tetrahedron: Asymmetry, 1990, 1, 389-394.	1.8	11
620	Synthesis of a non-symmetric azodicarbonyl compound and its regioselective reaction with organometallic reagents. Tetrahedron Letters, 1991, 32, 3079-3082.	1.4	11
621	Asymmetric synthesis of Î²-alkoxycyclic ethers via the intramolecular cyclization of group 14 allyls containing chiral acetals. Journal of the Chemical Society Chemical Communications, 1994, , 1953-1954.	2.0	11
622	Palladium catalysed direct allylation of pronucleophiles with allylstannanes. Journal of the Chemical Society Chemical Communications, 1995, , 2013.	2.0	11
623	Synthesis and in vitro evaluation of sugar-modified carboranyluridines. Bioorganic and Medicinal Chemistry Letters, 1996, 6, 1855-1858.	2.2	11
624	Preparation of functionalized metacyclophanes by intramolecular benzannulation of bisenynes. Tetrahedron Letters, 2000, 41, 4201-4204.	1.4	11
625	Palladium-Catalyzed Carbon Skeletal Rearrangements: Cope, Claisen, and Other [3,3] Rearrangements. , 0, , 2919-2934.		11
626	Synthesis of organosilicon polymers by using the Lewis-acid-catalyzed trans-allylsilylation of alkynes. Tetrahedron Letters, 2005, 46, 27-30.	1.4	11
627	Facile and efficient synthesis of indazole derivatives by 1,3-cycloaddition of arynes with diazo compounds and azomethine imides. Collection of Czechoslovak Chemical Communications, 2009, 74, 957-972.	1.0	11
628	Palladium-Catalyzed Ligand-Controlled Regioselective Nucleophilic Aromatic Substitution of 1-(Chloromethyl)naphthalenes with Arylacetonitriles. Journal of Organic Chemistry, 2018, 83, 13981-13990.	3.2	11
629	Unsupported nanoporous palladium-catalyzed chemoselective hydrogenation of quinolines: Heterolytic cleavage of H2 molecule. Chinese Journal of Catalysis, 2018, 39, 1746-1752.	14.0	11
630	Heterogeneous Catalytic Reduction of Tertiary Amides with Hydrosilanes Using Unsupported Nanoporous Gold Catalyst. Advanced Synthesis and Catalysis, 2019, 361, 4817-4824.	4.3	11

#	Article	IF	Citations
631	A new method for the synthesis of N-t-butoxycarbonyl protected Î±-alkoxy amines from allylamines under neutral conditions. Journal of the Chemical Society Chemical Communications, 1990, .	2.0	10
632	Rearrangement approaches to cyclic skeletons. Part 8. Total synthesis of (Â±)-nakafuran-8, a marine metabolite with antifeedant properties, on the basis of bridgehead substitution of a bicyclo[2.2.2]oct-5-en-2-one system. Journal of the Chemical Society Perkin Transactions 1, 1992, , 1785-1788.	0.9	10
633	Intramolecular reaction of Î³-alkoxyallylstannane with hydrazone: stereoselective synthesis of Î²-aminotetrahydro-pyran and-furan. Chemical Communications, 1996, , 841-842.	4.1	10
634	Rearrangement Approaches to Cyclic Skeletons. X. Pinacol-Type Rearrangement of 2-Substituted 1-Methoxybicyclo[2.2.2]oct-5-en-2-ols into Bicyclo[3.2.1]oct-6-en-2-ones. Remarkable Substituent Effects on Predominant Migration of the Unsaturated Bridge. Bulletin of the Chemical Society of Japan, 1996, 69, 1727-1735.	3.2	10
635	5(N-Methylbenzoylamino)-2, 2, 6, 6-tetramethylheptan-3-ol as a new class of recoverable chiral auxiliary. Tetrahedron Letters, 1996, 37, 1863-1866.	1.4	10
636	Radical Reaction Initiated and Stereocontrolled by Zinc Chloride. Heterocycles, 1998, 47, 765.	0.7	10
637	Chelation control through the coordination of an olefinic Ï€-bond to Lewis acid. Tetrahedron Letters, 2000, 41, 9533-9536.	1.4	10
638	Palladium-Catalyzed Benzannulation of Conjugated Enynes in Fluorous Biphasic System. Chemistry Letters, 2001, 30, 444-445.	1.3	10
639	Stereocontrolled synthesis of the IJK ring segment of yessotoxin. Tetrahedron Letters, 2006, 47, 6545-6548.	1.4	10
640	Simple indoline based donorâ€“acceptor dye for high efficiency dye-sensitized solar cells. Materials Chemistry and Physics, 2013, 142, 82-86.	4.0	10
641	Rhodiumâ€Catalyzed Oxidative Benzannulation of Nâ€Pivaloylanilines with Internal Alkynes through Dual Câ^'H Bond Activation: Synthesis of Highly Substituted Naphthalenes. Chemistry - an Asian Journal, 2016, 11, 3241-3250.	3.3	10
642	Copper-catalyzed conversion of aryl and heteroaryl bromides into the corresponding iodide. Catalysis Today, 2016, 274, 129-132.	4.4	10
643	Synthesis and Properties of Dicyanomethylene-Endcapped Thienopyrrole-Based Quinoidal S,N-Heteroacenes. Bulletin of the Chemical Society of Japan, 2017, 90, 789-797.	3.2	10
644	Metal-Free Decarboxylative Alkoxylation of 2-Picolinic Acid and Its Derivatives with Cyclic Ethers: One Step Construction of Câ€“O and Câ€“Cl Bonds. Organic Letters, 2018, 20, 6780-6784.	4.6	10
645	Light-induced reaction of boracyclanes with bromine in the presence of water. Ring contraction of boracyclanes to produce carbocyclic structures. Journal of the Chemical Society Chemical Communications, 1973, , 801.	2.0	9
646	â€˜Reversedâ€™ regioselectivity in the reduction of epoxides with lithium 9,9-di-n-butyl-9-borabicyclo[3.3.1]nonanate. Journal of the Chemical Society Chemical Communications, 1976, , 672-673.	2.0	9
647	Regioselective head-to-tail coupling of allylic trialkylstannanes with allylic halides under high pressure. Journal of the Chemical Society Chemical Communications, 1984, , 548.	2.0	9
648	A new type of complex reagent, R4Pb / TiCl4. Tetrahedron, 1992, 48, 5587-5596.	1.9	9

#	Article	IF	Citations
649	STEREOCONTROLLED SYNTHESIS OF THE 6-7-7-6 RING SYSTEM OF POLYCYCLIC ETHERS VIA THE INTRAMOLECULAR REACTION WITH Ï‰-TRIBUTYLSTANNYL ETHER ALDEHYDES. Main Group Metal Chemistry, 1994, 17, .	1.6	9
650	Ï€â€“Ï€ Chelation controlled chemoselective conjugate addition of lithium dimethylcuprate. Tetrahedron Letters, 2003, 44, 1803-1805.	1.4	9
651	Efficient thieno[3,2-a]carbazole-based organic dyes for dye-sensitized solar cells. Tetrahedron, 2015, 71, 6534-6540.	1.9	9
652	Unsupported Nanoporous Palladium Catalyst for Highly Selective Hydrogenation of Carbon Dioxide and Sodium Bicarbonate into Formate. ChemCatChem, 2021, 13, 2702-2708.	3.7	9
653	Addition of 2-Oxazolidinones to Arylidenecyclopropanes: A Highly Efficient Method for the Preparation of gem-Aryl Disubstituted Homoallylic Oxazolidinones. Heterocycles, 2005, 66, 333.	0.7	9
654	The photochemically induced reaction of bromotrichloromethane with triethylborane and related trialkylboranes. A new route to Î±-bromination of trialkylboranes. Challenge, 1971, .	0.4	8
655	Reaction of organoboranes with 2,5-dihydroxy-1,4-benzoquinone and related compounds, and its application to the synthesis of rapanone. Journal of Organic Chemistry, 1978, 43, 4895-4898.	3.2	8
656	Diastereofacial selection in the conjugate reduction of Î³-alkyl-Î±,Î²-unsaturated carbonyl derivatives. Stereocontrol dictated by aromatic ringâ€“Pd interaction. Journal of the Chemical Society Perkin Transactions 1, 1989, , 1703-1705.	0.9	8
657	Lewis Acid Catalyzed Reaction of Aromatic Vinyl Halides with Aromatic Aldehydes: A Novel Aldol-type Condensation Mimic. Synlett, 2001, 2001, 0910-0913.	1.8	8
658	Organic Synthesis with Bimetallic Systems. , 2005, , 1-52.		8
659	Highly Stereocontrolled Formal Total Synthesis of Hemibrevetoxin B. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1994, 103, 619-628.	0.0	8
660	Gold-catalyzed alkylation of silyl enol ethers with ortho-alkynylbenzoic acid esters. Beilstein Journal of Organic Chemistry, 2011, 7, 648-652.	2.2	8
661	Regioselective control by a catalyst switch in palladium-catalyzed benzylallylation of arylethylidene malononitriles. Journal of Organometallic Chemistry, 2013, 745-746, 177-185.	1.8	8
662	Efficient approach to allylated quinolines via palladium-catalyzed cyclizationâ€“allylation of 1-azido-2-(2-propynyl) benzenes with allyl methyl carbonate. Tetrahedron Letters, 2014, 55, 1552-1556.	1.4	8
663	1â€Naphthol Synthesis through Baseâ€Promoted S_NAr Reactions of orthoâ€Haloacetophenones Followed by Lewisâ€Acidâ€Catalyzed Cyclization. Asian Journal of Organic Chemistry, 2016, 5, 699-704.	2.7	8
664	Carboxylative Coupling of Chloromethyl(hetero)arenes with Allyltrimethoxysilane Catalyzed by Palladium Nanoparticles. Asian Journal of Organic Chemistry, 2017, 6, 177-183.	2.7	8
665	Pdâ€Catalyzed Consecutive Câ^'Hâ€Arylationâ€Triggered Cyclotrimerization: Synthesis of Starâ€Shaped Benzotristhiazoles and Benzotrisoxazoles. Chemistry - A European Journal, 2018, 24, 9041-9050.	3.3	8
666	LITHIUM IODIDE MEDIATED REGIOSELECTIVE COUPLING OF LITHIUM ACETYLIDES WITH ALLYLIC HALIDES. Chemistry Letters, 1980, 9, 669-670.	1.3	7

#	Article	IF	Citations
667	Intervention of the boat transition state in the allylic tinâ€“aldehyde condensation at high pressure. Journal of the Chemical Society Chemical Communications, 1989, , 1676-1678.	2.0	7
668	A new method for construction of cyclic enones via phosphonate anions. Heteroatom Chemistry, 1992, 3, 471-478.	0.7	7
669	Bu4NFâ€“BF3Â·Et2O as a new reagent for the selective deprotection of the enol ethers of Î³-alkoxyallylstananes. Journal of the Chemical Society Chemical Communications, 1994, , 59-60.	2.0	7
670	Simple one-pot transformations of toluene-p-sulfonates of 2,3-epoxy alcohols into allylic alcohols. Journal of the Chemical Society Perkin Transactions 1, 1996, , 865.	0.9	7
671	Is the halogenâ€“metal exchange faster than deprotonation in the reaction of ortho-carboranyl aryl bromide with butyllithium?. Tetrahedron Letters, 2000, 41, 2499-2501.	1.4	7
672	New Benzannulation Reactions of Conjugated Enynes.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2001, 59, 346-354.	0.1	7
673	Lewis Acid Mediated Intermolecular Vinylsilylation of Alkynes. Chemistry Letters, 2001, 30, 982-983.	1.3	7
674	Convergent synthesis of the Fâ€“K ring segment of brevetoxin B. Tetrahedron Letters, 2003, 44, 7929-7932.	1.4	7
675	Reduction of Carbonyl Function to a Methyl Group. Synthesis, 2004, 2004, 308-311.	2.3	7
676	Platinum-catalyzed Tandem Carboalkoxylation-Claisen Rearrangement of Arylalkynes Bearing anortho-1,5-Dihydro-3H-2,4-dioxepine Group. Chemistry Letters, 2005, 34, 174-175.	1.3	7
677	Palladium-Catalyzed Three-Component [3 + 2] Cycloaddition of Propargyl Trifluoroacetates, Ethylidene Malononitriles, and Allyltributylstannane. Organic Letters, 2010, 12, 864-866.	4.6	7
678	Palladium-catalyzed bisfunctionalization of active alkenes by Î²-acetonitrile-Î±-allyl addition: application to the synthesis of unsymmetric 1,4-di(organo)fullerene derivatives. Tetrahedron Letters, 2012, 53, 1210-1213.	1.4	7
679	Manganese powder promoted highly efficient and selective synthesis of fullerene mono- and biscycloadducts at room temperature. Scientific Reports, 2015, 5, 13920.	3.3	7
680	Transition-metal-free decarboxylative halogenation of 2-picolinic acids with dihalomethane under oxygen conditions. Green Chemistry, 2019, 21, 5565-5570.	9.0	7
681	Unsupported Nanoporous Goldâ€Catalyzed Chemoselective Reduction of Quinolines Using Formic Acid as a Hydrogen Source. ChemistrySelect, 2019, 4, 6572-6577.	1.5	7
682	Nickel catalyzed imine aldol reactions between activated imines and pronucleophiles. Tetrahedron Letters, 1995, 36, 5023-5026.	1.4	7
683	Novel Addition and [3+2] Cycloaddition Reactions of Stannyl- and Silyl-ortho-carboranes to Carbonyl Compounds. Collection of Czechoslovak Chemical Communications, 1999, 64, 829-846.	1.0	7
684	Gold-catalyzed reactions of oxo-alkynes. Arkivoc, 2007, 2007, 6-19.	0.5	7

#	Article	IF	Citations
685	Stereocontrolled Synthesis of Polycyclic Ethers and Related Heterocycles via the Intramolecular Reaction of Allylstannanes.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1997, 55, 619-630.	0.1	7
686	1H AND13C NMR SPECTRA OF TETRAALKYLBORON ATE COMPLEXES. HYDRIDE CHARACTER OF Î±-HYDROGENS TO BORON. Chemistry Letters, 1975, 4, 1199-1200.	1.3	6
687	Proton NMR studies of alkenylboranes. The presence of diastereomers in certain alkenylboranes. Journal of Organic Chemistry, 1979, 44, 2566-2568.	3.2	6
688	High control of the stereochemistry of the reactions of carbanions Î± to sulphoxides via an aluminium â€˜ateâ€™ complex. Journal of the Chemical Society Chemical Communications, 1980, , 239-240.	2.0	6
689	A biogenetic synthesis of (Â±)-secotrinerviten-2Î²,3Î±-diol. Journal of the Chemical Society Chemical Communications, 1987, , 977-978.	2.0	6
690	A new stereoselective synthesis of (20R)- and (20S)-steroidal side chains. Journal of the Chemical Society Chemical Communications, 1988, , 342.	2.0	6
691	Stereospecific Synthesis of 3-Oxo-Î±-bourbonene and the Cisoid Isomer for Structural Determination of the Toxic Component ofLansium domesticum. Bulletin of the Chemical Society of Japan, 1988, 61, 2672-2674.	3.2	6
692	Very high diastereofacial stereoselectivity in the Î±-methoxy organoleadâ€“aldehyde condensation. Stereocontrol of three contiguous chiral centres. Journal of the Chemical Society Chemical Communications, 1992, , 863-864.	2.0	6
693	Synthesis of Î±-alkoxyalkyltributyllead compounds via the reaction of tributylplumbyllithium with Î±-chloroethers, and the conjugate addition of tributylplumbyllithium to enones. Journal of Organometallic Chemistry, 1993, 443, C6-C7.	1.8	6
694	Copper-Mediated Synthesis of Natural and Unnatural Products. , 0, , 289-314.		6
695	Boron-gadolinium binary system as a magnetic resonance imaging boron carrier. Pure and Applied Chemistry, 2003, 75, 1343-1348.	1.9	6
696	Zinc cyanide mediated direct Î±-cyanation of isonicotinic acid N-oxide. Application to the synthesis of FYX-051, a xanthine oxidoreductase inhibitor. Tetrahedron Letters, 2008, 49, 4369-4371.	1.4	6
697	Convergent synthesis of the EFGH ring system of ciguatoxin CTX3C. Tetrahedron, 2015, 71, 6547-6558.	1.9	6
698	Cooperative Catalysis of Copper, Silver, and BrÃ¸nsted Acid for Threeâ€Component Carboamination of Arylalkenes with Allylic Alcohols and Nitriles. ChemCatChem, 2020, 12, 5200-5208.	3.7	6
699	Chiral Indolizidine Synthesis through the Ir-Catalyzed Asymmetric Hydrogenation of Cyclic Pyridinium Salts. Journal of Organic Chemistry, 2021, 86, 10773-10781.	3.2	6
700	Formal Total Synthesis of Hemibrevetoxin B via the Intramolecular Allylation Followed by Ring-Closing Metathesis. Heterocycles, 2007, 74, 617.	0.7	6
701	New Hydroborating Agents. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1974, 32, 544-551.	0.1	6
702	Palladiumâ€Catalyzed Tailâ€toâ€Tail Reductive Dimerization of Terminal Alkynes to 2,3â€Dibranched Butadienes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	6

#	Article	IF	Citations
703	AN UNUSUAL DIRECTIVE EFFECT IN THE HYDROBORATION OF 2-BROMONORBORNENE WITH 9-BORABICYCLO[3.3.1]NONANE. Chemistry Letters, 1974, 3, 485-488.	1.3	5
704	Title is missing!. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1982, 40, 332-342.	0.1	5
705	Organocopper-Lewis acid complex reagents. The past and present.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1986, 44, 829-845.	0.1	5
706	Enhanced Cram selectivity in carbonyl alkylation viaâ€˜nakedâ€™ anions and anti-Cram selectivity viaâ€˜nakedâ€™ cuprates. Journal of the Chemical Society Chemical Communications, 1987, , 923-924.	2.0	5
707	Cleavage of esters under nearly neutral conditions at high pressure. High Pressure Research, 1993, 11, 93-106.	1.2	5
708	TOTAL SYNTHESIS OF HEMIBREVETOXIN Î' VIA THE ALLYLIC TIN METHODOLOGY. Main Group Metal Chemistry, 1996, 19, .	1.6	5
709	Palladium catalysed alkylative dimerization between pronucleophiles and vinyltins. Chemical Communications, 1997, , 1583-1584.	4.1	5
710	Palladium-Catalyzed Benzannulation Reactions of Conjugated Enynes and Diynes. , 0, , 1635-1646.		5
711	New Catalytic Reactions via the .PI.-Allylpalladium Azide Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2004, 62, 682-692.	0.1	5
712	Rare Earth Bimetallic Asymmetric Catalysis. , 2005, , 103-120.		5
713	A Safe and Scalable Procedure for Preparation of Î±-Picolineâ€“Borane from Sodium Mono-acyloxyborohydrides and Î±-Picoline. Organic Process Research and Development, 2012, 16, 495-498.	2.7	5
714	Palladium-Catalyzed Interceptive Decarboxylative Addition of Allyl CarÂbonates with Carbonyl Group. Synlett, 2014, 25, 1246-1252.	1.8	5
715	Palladium-Catalyzed Ring Opening of Cyclopropane-Appended Spirotricyclic Olefins with Soft Nucleophiles and Organoboronic Acids: Facile Synthesis of Functionalized Spiro[2.4]heptenes. Synthesis, 2014, 46, 2629-2643.	2.3	5
716	Carboxylative Suzuki coupling reactions of benzyl chlorides with allyl pinacolborate catalyzed by palladium nanoparticles. Chinese Journal of Catalysis, 2018, 39, 1258-1262.	14.0	5
717	Direct Carbohydroxylation of Arylalkenes with Allylic Alcohols: Cooperative Catalysis of Copper, Silver, and a BrÃ¸nsted Acid. Angewandte Chemie, 2019, 131, 2517-2521.	2.0	5
718	Hydrodebromination of Aromatic Bromides Catalyzed by Unsupported Nanoporous Gold: Heterolytic Cleavage of Hydrogen Molecule. ChemCatChem, 2020, 12, 4951-4957.	3.7	5
719	Copper-Catalyzed One-Pot Synthesis of 1,3-Enynes from 2-Chloro-N-(quinolin-8-yl)acetamides and Terminal Alkynes. Journal of Organic Chemistry, 2020, 85, 8740-8748.	3.2	5
720	Palladium-Catalyzed Cycloisomerization of 2-Ethynylbiaryls to 9-Methylidene Fluorenes. Organic Letters, 2022, 24, 2596-2600.	4.6	5

#	Article	IF	Citations
721	13C NMR spectra of allylic boron â€œateâ€•complexes. Relative importance of Ïƒ-Ï€ conjugation between the double bond and the carbon-boron bond. Tetrahedron Letters, 1980, 21, 3599-3602.	1.4	4
722	Hochselektive Synthese von Dipeptidâ€isosteren (E)â€Alkenen hoher optischer Reinheit mit RCu(CN)LiÂ·BF₃. Angewandte Chemie, 1990, 102, 816-818.	2.0	4
723	Asymmetric Dielsâ€“Aider reactions of TMHD-acrylate using TiCl4Â·(ArnHg)mcomplexed Lewis acids. Journal of the Chemical Society Chemical Communications, 1995, , 1271-1272.	2.0	4
724	Alkenpalladiumkomplexâ€katalysierte intramolekulare Hydrocarbonierung von Ïµâ€AlkinmalonsÃurenitrilen. Angewandte Chemie, 1997, 109, 2588-2590.	2.0	4
725	Two Approaches to Multimetallic Catalysis: Combined Use of Metal Complexes and Multinuclear Complex Catalysts. , 2005, , 201-223.		4
726	Photoresponse on the Desorption of an Atomic Hydrogen on Titanium Dioxide Surface Induced by a Tip of Scanning Tunneling Microscope. Chemistry Letters, 2013, 42, 942-943.	1.3	4
727	Palladium-catalyzed propargylative and allenylative dearomatization of 2-(chloromethyl)thiophenes: remarkable effect of solvents. Tetrahedron, 2016, 72, 170-175.	1.9	4
728	Synthesis of 1H-Indole-2,3-dicarboxylates via Rhodium-Catalyzed Câ€“H Annulation of Arylhydrazines with Maleates. Journal of Organic Chemistry, 2020, 85, 12544-12552.	3.2	4
729	Asymmetric synthesis of Î²-amino acids and Î²-lactam derivatives via conjugate addition of metal amides. Advances in Asymmetric Synthesis, 1999, , 1-37.	0.4	4
730	Highly Selective Organic Synthesis via Organic â€œAteâ€•Complexes. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1979, 37, 641-654.	0.1	4
731	High Pressure Reaction of 1-Methoxy-3-trialkylsiloxybuta-1,3-diene with Aldehydes. [4 + 2] Cycloaddition or Silicon Migration Reaction. Chemistry Letters, 1987, 16, 945-946.	1.3	3
732	THE STEREOCHEMISTRY OF C-C BOND FORMATION VIA METAL ENOLATES. ALKYLATION AND HETEROATOM INTRODUCTION. , 1990, , 3-92.		3
733	Dirhodium Tetraphosphine Catalysts. , 2005, , 225-248.		3
734	Rare Earth-Alkali Metal Heterobimetallic Asymmetric Catalysis. , 2005, , 121-142.		3
735	Pd-catalyzed cascade cyclization of o -alkynylarylbromides with dialkylalkynes via consecutive carbopalladation. Tetrahedron Letters, 2015, 56, 3133-3136.	1.4	3
736	Convenient synthesis of tetracoordinated organoboron compounds via C H borylation of aryl-N-heteroaromatics with TfOB Bu2. Tetrahedron Letters, 2020, 61, 152199.	1.4	3
737	Organic synthesis at high pressure. Recent development.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1989, 47, 321-329.	0.1	3
738	Syntheses of Nitrogen Containing Compounds Using Reactive Organometallics.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1993, 51, 1005-1012.	0.1	3

#	Article	IF	Citations
739	Hydrogenation of nitriles to primary amines catalyzed by an unsupported nanoporous palladium catalyst: understanding the essential reason for the high activity and selectivity of the catalyst. Nanoscale, 2022, 14, 9341-9348.	5.6	3
740	13C NMR SPECTRA AND BONDING SITUATION OF THE Bâ€“C BOND IN ALKYNYLBORANES. Chemistry Letters, 1975, 4, 439-440.	1.3	2
741	Stereocontrol at the C-22 position of steroid side chain with the aid of organostannanes.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1987, 1987, 1177-1182.	0.1	2
742	Most Stable Conformer of 2-Phenylpropanal Elucidated by Supersonic Jet Spectroscopy. Journal of the American Chemical Society, 1995, 117, 3167-3170.	13.7	2
743	Metal promoted synthesis of heterocycles from heteroacyclic compounds. Journal of Heterocyclic Chemistry, 1999, 36, 1523-1532.	2.6	2
744	Highly diastereoselective desymmetrizing intramolecular cyclization of allylstannane with a diketone promoted by Lewis acid or transition metal complex. Journal of Organometallic Chemistry, 2001, 624, 136-142.	1.8	2
745	Carbopalladation of Alkynes Followed by Trapping with Electrophiles. , 0, , 1361-1367.		2
746	Catalysis by Homo- and Heteronuclear Polymetallic Systems. , 2005, , 249-290.		2
747	Catalytic and Stoichiometric Transformations by Multimetallic Rare Earth Metal Complexes. , 2005, , 143-162.		2
748	Bimetallic Transition Metal Catalysts for Organic Oxidation. , 2005, , 163-185.		2
749	Bis-Functionalization of 1,3-Dienes through 1,4-Conjugate Addition of Amphiphilic Bis-Ï€-Allyl and Related Palladium Intermediates. Synlett, 2014, 25, 359-364.	1.8	2
750	Synthesis and Performance of New Organic Dyes and Functional Fullerenes for Organic Solar Cells. ACS Symposium Series, 2015, , 193-236.	0.5	2
751	Effect of Nanoporous Structure on the Catalytic Activity of Nanoporous Palladium for Hydrogenation of Nitro Compounds. ChemistrySelect, 2020, 5, 7086-7092.	1.5	2
752	Ï€-Conjugated carbocycles and heterocycles via annulation through C-H and X-Y activation across CC triple bonds. Arkivoc, 2016, 2016, 9-41.	0.5	2
753	Unsupported Nanoporous Palladium Catalyst for Nâ€Formylation of Amines Using CO₂ as a Sustainable C1 Source. Asian Journal of Organic Chemistry, 2022, 11, .	2.7	2
754	13C NMR SPECTRA OF ALKENYLBORANES. EVIDENCE FOR THE PRESENCE OF Ï€-CHARACTER IN THE Bâ€“C BOND. Chemistry Letters, 1975, 4, 57-58.	1.3	1
755	Kinetic studies of the decomposition of norbornan-2-one and norborn-5-en-2-one tosylhydrazone sodium salts. Journal of the Chemical Society Perkin Transactions II, 1977, , 1490.	0.9	1
756	THE STEREOCHEMISTRY OF THE SAKURAI REACTION. , 1989, , 363-441.		1

#	Article	IF	Citations
757	Lanthanum isopropoxide catalyzed addition of activated nucleophiles to imines. Applied Organometallic Chemistry, 1995, 9, 467-471.	3.5	1
758	The Renaissance of .PI.-Allylpalladium-Catalyzed Organic Synthesis.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1998, 56, 395-405.	0.1	1
759	The Tsujiâ€“Trost Reaction and Related Carbonâ€“Carbon Bond Formation Reactions: Palladium-Catalyzed Reactions of Soft Carbon Nucleophiles with Dienes, Vinylcyclopropanes, and Related Compounds. , 0, , 1833-1844.		1
760	Synthesis of Allyl Cyanamides and N-Cyanoindoles via the Palladium-Catalyzed Three-Component Coupling Reaction.. ChemInform, 2003, 34, no.	0.0	1
761	Direct Allylic Substitution of Allyl Alcohols by Carbon Pronucleophiles in the Presence of a Palladium/Carboxylic Acid Catalyst under Neat Conditions.. ChemInform, 2004, 35, no.	0.0	1
762	Catalytic Asymmetric Carbalkoxyallylation of Imines with the Chiral Bis-Ï€-allylpalladium Complex.. ChemInform, 2004, 35, no.	0.0	1
763	Group 13-Alkali Metal Heterobimetallic Asymmetric Catalysis. , 2005, , 77-102.		1
764	Novel [3 + 2] Cycloaddition of Alkylidenecyclopropanes with Aldehydes Catalyzed by Palladium.. ChemInform, 2001, 32, 117-117.	0.0	1
765	Editorial: Organic synthesis for nanotek, and nanotek for organic synthesis. Tetrahedron, 2014, 70, 6038.	1.9	1
766	Palladium-Catalyzed Hydroalkoxylation of Methylenecyclopropanes. Angewandte Chemie - International Edition, 1999, 38, 3365-3367.	13.8	1
767	Title is missing!. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1975, 33, 973-977.	0.1	1
768	B Synthesis and Properties of Boron Compounds. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1979, 37, 1008-1016.	0.1	1
769	New reagents. X. Reagents for functionalization. Amination reagent: Diamidecopper lithium.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1990, 48, 1066-1067.	0.1	1
770	New methods for stereocontrol via Lewis acid and an electron transfer.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1990, 48, 436-446.	0.1	1
771	Catalytic and thermal hydrocarbonation of methyleneaziridines. Arkivoc, 2003, 2003, 67-78.	0.5	1
772	Molecular Design and Synthesis of B-10 Carriers for Neutron Capture Therapy. , 1992, , 219-222.		1
773	Three-component addition of terminal alkynes, carboxylic acids, and tert-butyl hypochlorite. Chemical Communications, 2022, 58, 2670-2673.	4.1	1
774	Frontispiece: Palladiumâ€Catalyzed Tailâ€toâ€Tail Reductive Dimerization of Terminal Alkynes to 2,3â€Dibranched Butadienes. Angewandte Chemie - International Edition, 2022, 61, .	13.8	1

#	Article	IF	Citations
775	A New Class of Stable Enol Based on the 2,2,6,6-Tetramethylheptane-3,5-diol Framework. Chemistry Letters, 1995, 24, 637-638.	1.3	0
776	Eine neuartige [3+2]â€Anellierung eines orthoâ€Carboranyltrimethylsilans an konjugierte Carbonylverbindungen. Angewandte Chemie, 1997, 109, 399-401.	2.0	0
777	A chemical scale for evaluating the electron transfer ability of alkylcopper reagents. Macromolecular Symposia, 1998, 134, 189-198.	0.7	0
778	A New Pd0-CuIBimetallic Catalyst for the Synthesis of Indoles from Isocyanates and Allyl Carbonates.. ChemInform, 2003, 34, no-no.	0.0	0
779	Synthesis of 6H-Dibenzo[b,d]pyran-6-ones from Aryl 3-Bromopropenoates via a Sequential One-Pot Procedure Using the Sonogashira Couplingâ€"Benzannulation Reaction.. ChemInform, 2003, 34, no.	0.0	0
780	Palladium-Catalyzed Aminoallylation of Activated Olefins with Allylic Halides and Phthalimide.. ChemInform, 2003, 34, no.	0.0	0
781	Tandem Nucleophilic Allylationâ€"Alkoxyallylation of Alkynylaldehydes via Amphiphilic Bis-Ï€-allylpalladium Complexes.. ChemInform, 2003, 34, no.	0.0	0
782	Palladium-Catalyzed Intermolecular Hydroamination of Alkynes: A Dramatic Rate-Enhancement Effect of o-Aminophenol.. ChemInform, 2003, 34, no.	0.0	0
783	AuCl3-Catalyzed Benzannulation: Synthesis of Naphthyl Ketone Derivatives from o-Alkynylbenzaldehydes with Alkynes.. ChemInform, 2003, 34, no.	0.0	0
784	Lewis Acid Catalyzed Stereoselective Hydrosilylation of Ketones under the Control of Ïƒâ€"Ï€ Chelation.. ChemInform, 2003, 34, no.	0.0	0
785	Hydroamination of Alkynes Catalyzed by Palladium/Benzoic Acid.. ChemInform, 2003, 34, no.	0.0	0
786	Palladium-Catalyzed Hydrocarbonation of Methyleneaziridines with Carbon Pronucleophiles.. ChemInform, 2003, 34, no.	0.0	0
787	Indenol Ether Formation from Aryl Alkynes Bearing ortho-Acetals: An Unprecedented Rearrangement in Palladium-Catalyzed Carboalkoxylation.. ChemInform, 2003, 34, no.	0.0	0
788	Regiospecific Synthesis of 2-Allyl-1,2,3-triazoles by Palladium-Catalyzed 1,3-Dipolar Cycloaddition.. ChemInform, 2003, 34, no.	0.0	0
789	Palladium-Catalyzed Selective Synthesis of 2-Allyltetrazoles.. ChemInform, 2003, 34, no.	0.0	0
790	Addition of Hydrogen Halides to Alkylidenecyclopropanes: A Highly Efficient and Stereoselective Method for the Preparation of Homoallylic Halides.. ChemInform, 2003, 34, no.	0.0	0
791	Ï€â€"Ï€ Chelation Controlled Chemoselective Conjugate Addition of Lithium Dimethylcuprate.. ChemInform, 2003, 34, no.	0.0	0
792	Palladium-Catalyzed Hydrocarbonation and Hydroamination of 3,3-Dihexylcyclopropene with Pronucleophiles.. ChemInform, 2003, 34, no.	0.0	0

#	Article	IF	Citations
793	â€œMe2CuLiÃ—TMSCl in CH2Cl2â€: The Most Powerful Methylating Agent for Sterically Congested Î±,Î²-Enoates.. ChemInform, 2003, 34, no.	0.0	0
794	Addition of Water to Arylidenecyclopropanes: A Highly Efficient Method for the Preparation of gem-Aryl Disubstituted Homoallylic Alcohols.. ChemInform, 2003, 34, no.	0.0	0
795	Carbonâ€"Carbon Bond Cleavage of Diynes Through the Hydroamination with Transition Metal Catalysts.. ChemInform, 2003, 34, no.	0.0	0
796	A Bimetallic Catalyst and Dual Role Catalyst: Synthesis of N-(Alkoxycarbonyl)indoles from 2-(Alkynyl)phenylisocyanates.. ChemInform, 2003, 34, no.	0.0	0
797	AuBr3-Catalyzed Cyclization of o-(Alkynyl)nitrobenzenes. Efficient Synthesis of Isatogens and Anthranils.. ChemInform, 2003, 34, no.	0.0	0
798	Synthesis of Triazoles from Nonactivated Terminal Alkynes via the Three-Component Coupling Reaction Using a Pd(0)â€"Cu(I) Bimetallic Catalyst.. ChemInform, 2003, 34, no.	0.0	0
799	Functionalized 1,2-Dihydronaphthalenes from the Cu(OTf)2-Catalyzed [4 + 2] Cycloaddition of o-Alkynyl(oxo)benzenes with Alkenes.. ChemInform, 2003, 34, no.	0.0	0
800	Lewis Acid Catalyzed Benzannulation via Unprecedented [4 + 2] Cycloaddition of o-Alkynyl(oxo)benzenes and Enynals with Alkynes.. ChemInform, 2004, 35, no.	0.0	0
801	A Simple and Practical Method for the Stereoselective Synthesis of (Z)-1-Iodo-1-alkenes from 1,1-Diiodo-1-alkenes.. ChemInform, 2004, 35, no.	0.0	0
802	Chiral Bis-Ï€-allylpalladium Complex Catalyzed Asymmetric Allylation of Imines: Enhancement of the Enantioselectivity and Chemical Yield in the Presence of Water.. ChemInform, 2004, 35, no.	0.0	0
803	Copper-Catalyzed Tandem Reaction Between Imines and Alcohols Leading to Indoles.. ChemInform, 2004, 35, no.	0.0	0
804	Synthesis of Novel Antitumor Agent 1-Methoxy-5,10-dioxo-5,10-dihydro-1H-benzo[g]isochromene Carboxylic Acid (3-Dimethylaminopropyl)amide with a Dual Role Pd(II) Catalyst.. ChemInform, 2004, 35, no.	0.0	0
805	Synthesis of 3-Methylenepyrrolidines by Palladium-Catalyzed [3 + 2] Cycloaddition of Alkylidenecyclopropanes with Imines.. ChemInform, 2004, 35, no.	0.0	0
806	Four-Component Coupling Reactions of Silylacetylenes, Allyl Carbonates, and Trimethylsilyl Azide Catalyzed by a Pd(0)â€"Cu(I) Bimetallic Catalyst. Fully Substituted Triazole Synthesis from Seemingly Internal Alkynes.. ChemInform, 2004, 35, no.	0.0	0
807	Palladium-Catalyzed Intramolecular Asymmetric Hydroamination of Alkynes.. ChemInform, 2004, 35, no.	0.0	0
808	The First Catalytic Asymmetric Allylation of Imines with the Tetraallylsilaneâ€"TBAFâ€"MeOH System, Using the Chiral Bis-Ï€-allylpalladium Complex.. ChemInform, 2004, 35, no.	0.0	0
809	Tetrazole Synthesis via the Palladium-Catalyzed Three Component Coupling Reaction.. ChemInform, 2004, 35, no.	0.0	0
810	Synthesis of Indenes by Ytterbium-Catalyzed Carboalkoxylation/Friedelâ€"Crafts Reaction of Arylidenecyclopropanes with Acetals.. ChemInform, 2004, 35, no.	0.0	0

#	Article	IF	Citations
811	Transition-Metal-Catalyzed Reactions in Heterocyclic Synthesis. ChemInform, 2004, 35, no.	0.0	0
812	Palladium-Catalyzed Ring-Opening Reaction of Methyleneaziridines with Carboxylic Acids: Synthesis of Î±-Amidoketones (III).. ChemInform, 2004, 35, no.	0.0	0
813	A One-Pot Procedure for the Regiocontrolled Synthesis of Allyltriazoles via the Pdâ€"Cu Bimetallic Catalyzed Three-Component Coupling Reaction of Nonactivated Terminal Alkynes, Allyl Carbonate, and Trimethylsilyl Azide.. ChemInform, 2004, 35, no.	0.0	0
814	Synthesis of 5-Azaindolizine Derivatives by the Palladium-Catalyzed Intermolecular Formal [3 + 2] Cycloaddition of Alkylidenecyclopropanes with 1,2-Diazines.. ChemInform, 2004, 35, no.	0.0	0
815	Synthesis and Biological Evaluation of Benzamides and Benzamidines: Structural Requirement of a Pyrimidine Ring for Inhibition of EGFR Tyrosine Kinase.. ChemInform, 2004, 35, no.	0.0	0
816	AuBr3-Catalyzed [4 + 2] Benzannulation Between an Enynal Unit and Enol.. ChemInform, 2004, 35, no.	0.0	0
817	Synthesis of Cyclic Alkenyl Ethers via Intramolecular Cyclization of O-Alkynylbenzaldehydes. Importance of Combination Between CuI Catalyst and DMF.. ChemInform, 2004, 35, no.	0.0	0
818	Intramolecular Câ€"N Bond Addition of Amides to Alkynes Using Platinum Catalyst.. ChemInform, 2004, 35, no.	0.0	0
819	New Catalytic Reactions via the Ï€-Allylpalladium Azide Complexes. ChemInform, 2004, 35, no.	0.0	0
820	Zinc Polymetallic Asymmetric Catalysis. , 2005, , 53-76.		0
821	Bimetallic Oxidation Catalysts: Hydrogen Peroxide Generation and Its Use in Hydrocarbon Oxidation. , 2005, , 187-199.		0
822	Synthesis of 1,2-Dihydroisoquinolines via the Reaction of ortho-Alkynylarylimines with Bis-?-allylpalladium.. ChemInform, 2005, 36, no.	0.0	0
823	Formation of a Quaternary Carbon Center Through the Pd(0)/PhCOOH-Catalyzed Allylation of Cyclic ?-Keto Esters and 1,3-Diketones with Alkynes.. ChemInform, 2005, 36, no.	0.0	0
824	Microwave-Enhanced Pd(0)/Acetic Acid Catalyzed Allylation Reactions of C, N, and O-Pronucleophiles with Alkynes.. ChemInform, 2005, 36, no.	0.0	0
825	Synthesis of Pyridinylpyrrole Derivatives via the Palladium-Catalyzed Reaction of Acetylpyridines with Methyleneaziridines.. ChemInform, 2005, 36, no.	0.0	0
826	Catalytic Cyclization of o-Alkynylbenzaldehyde Acetals and Thioacetals. Unprecedented Activation of the Platinum Catalyst of Olefins. Scope and Mechanism of the Reaction.. ChemInform, 2005, 36, no.	0.0	0
827	Synthesis of 1-Substituted Tetrazoles via the Acid-Catalyzed [3 + 2] Cycloaddition Between Isocyanides and Trimethylsilyl Azide.. ChemInform, 2005, 36, no.	0.0	0
828	Aquapalladium Complex: A Stable and Convenient Catalyst for the Intermolecular Hydroamination of Alkynes.. ChemInform, 2005, 36, no.	0.0	0

#	Article	IF	Citations
829	A Convenient and Efficient Route for the Allylation of Aromatic Amines and ?-Aryl Aldehydes with Alkynes in the Presence of a Pd(0)/PhCOOH Combined Catalyst System.. ChemInform, 2005, 36, no.	0.0	0
830	PtBr2-Catalyzed Consecutive Enyne Metathesisâ€"Aromatization of 1-(1-Methoxy-but-3-enyl)-2-(1-alkynyl)benzenes: Dual Role of the Pt Catalyst.. ChemInform, 2005, 36, no.	0.0	0
831	Platinum-Catalyzed Tandem Carboalkoxylation-Claisen Rearrangement of Arylalkynes Bearing an ortho-1,5-Dihydro-3H-2,4-dioxepine Group.. ChemInform, 2005, 36, no.	0.0	0
832	Phosphine-Catalyzed Regioselective Heteroaromatization Between Activated Alkynes and Isocyanides Leading to Pyrroles.. ChemInform, 2005, 36, no.	0.0	0
833	Synthetic Strategies of Marine Polycyclic Ethers via Intramolecular Allylations: Linear and Convergent Approaches. ChemInform, 2005, 36, no.	0.0	0
834	AuBr3- and Cu(OTf)2-Catalyzed Intramolecular [4 + 2] Cycloaddition of Tethered Alkynyl and Alkenyl Enynones and Enynals: A New Synthetic Method for Functionalized Polycyclic Hydrocarbons.. ChemInform, 2005, 36, no.	0.0	0
835	Cu(I) Catalyst in DMF: An Efficient Catalytic System for the Synthesis of Furans from 2-(1-Alkynyl)-2-alken-1-ones.. ChemInform, 2005, 36, no.	0.0	0
836	Intramolecular Hydroamination of Alkynes Catalyzed by Pd(PPh3)4/Triphenylphosphine under Neutral Conditions.. ChemInform, 2005, 36, no.	0.0	0
837	Copper- or Phosphine-Catalyzed Reaction of Alkynes with Isocyanides. Regioselective Synthesis of Substituted Pyrroles Controlled by the Catalyst.. ChemInform, 2005, 36, no.	0.0	0
838	Stepwise Delivery of Two Methoxy Groups of Arylaldehyde Acetals Across the Phenyl Ring. Vacant Site-Controlled Palladium Catalysis.. ChemInform, 2005, 36, no.	0.0	0
839	Palladium-Catalyzed Addition of Nitrogen Pronucleophiles to Alkylidenecyclopropanes.. ChemInform, 2005, 36, no.	0.0	0
840	Direct Mannich and Nitro-Mannich Reactions with Non-Activated Imines: AgOTf-Catalyzed Addition of Pronucleophiles to ortho-Alkynylaryl Aldimines Leading to 1,2-Dihydroisoquinolines.. ChemInform, 2005, 36, no.	0.0	0
841	Facile Deallylation Protocols for the Preparation of N-Unsubstituted Triazoles and Tetrazoles.. ChemInform, 2005, 36, no.	0.0	0
842	Concise Synthesis of Cyclic Ethers via the Palladiumâ€Catalyzed Coupling of Ketene Acetal Triflates and Organozinc Reagents. Application to the Iterative Synthesis of Polycyclic Ethers.. ChemInform, 2002, 33, 167-167.	0.0	0
843	Nickel(0)â€Catalyzed Dimerization of Ethyl Cyclopropylideneacetates.. ChemInform, 2002, 33, 36-36.	0.0	0
844	GOLD-CATALYZED ADDITION OF HETEROATOM NUCLEOPHILE TO Câ€"C MULTIPLE BOND. Catalytic Science Series, 2014, , 137-174.	0.0	0
845	Solvent Effect on Stereochemistry.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1967, 25, 1121-1133.	0.1	0
846	Synthesis of Organoboranes and Their Application. Journal of Japan Oil Chemists Society, 1977, 26, 203-211.	0.1	0

#	Article	IF	Citations
847	Application of High Pressures to Organic Synthesis.. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 1993, 2, 97-102.	0.0	0
848	Synthesis and Biological Properties of Carboranylaziridine. , 1993, , 305-308.		0
849	Netropsin and Distamycin Analogues Bearing Ortho-Carborane. , 1996, , 177-182.		0
850	Palladium Catalyzed New Benzannulation via Enynes. , 1999, , 283-290.		0
851	Development of Nanoporous Metal Skeleton Catalysts for Organic Synthesis. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2020, 78, 98-108.	0.1	0
852	Palladiumâ€Catalyzed Tailâ€toâ€Tail Reductive Dimerization of Terminal Alkynes to 2,3â€Dibranched Butadienes. Angewandte Chemie, 0, , .	2.0	0
853	Frontispiz: Palladiumâ€Catalyzed Tailâ€toâ€Tail Reductive Dimerization of Terminal Alkynes to 2,3â€Dibranched Butadienes. Angewandte Chemie, 2022, 134, .	2.0	0